



INVENTORY OF AGRICULTURAL RESEARCH

VOLUME III

(Table V)

Scientist Years by Research Program Group (RPG)  
and Research Program (RP)

FISCAL YEAR 1977

Fiscal Year 1977 covers the period from October 1,  
1976 through September 30, 1977

This report was compiled from data supplied to the  
Current Research Information System, Technical  
Information Systems, by USDA Research Agencies,  
State Agricultural Experiment Stations, Forestry  
Schools, and Other Cooperating Institutions.

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Nebraska .....	
North Dakota .....	
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Washington .....	
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## I N T R O D U C T I O N

Inventory of Agricultural Research is a collection of tables compiled annually since 1966, on research conducted at State Agricultural Experiment Stations, Forestry Schools, and Cooperating Institutions. The tables were designed to assist in carrying out the "joint research program planning, evaluation, and coordination" recommended in the long-range study, A National Research for Agriculture, published in October 1966. Included in the Current Research Information System (CRIS) are tables for research agencies on Forms AD 416, AD 417, and AD 418, and for Agricultural Experiment Stations and other Institutions on Forms AD 416, AD 417 and AD 419. (See Table of Contents)

Volume I is composed of five tables published in three parts. Part I (Tables I-A and I-B) reports scientist years and funds by each performing organization, by designated Research Problem Area (RPA) and Commodity subdivisions. The I-A Tables show research by Commodity; I-B Tables show total research for each Research Problem Area.

Part II includes Tables in the II, III and IV series. Tables in the II series show scientist years and funds for State Agricultural Experiment Stations, Forestry Schools, Other Cooperating Institutions, and Research Agencies. Tables in the III series show funding data by source of funds. Tables in the IV series show research by State stations and other non-Federal institutions by commodity.

Tables II-B, III-B, and IV-B show a breakdown of the data by commodity classification used in the Long-Range Study. Tables II-D, III-D, and IV-D show data for each of the 98 Research Problem Areas (RPA) used in the Long-Range Study. The II-E, III-E, and IV-E tables provide summaries of funds and scientist years by agricultural commodity.

Table V in Volume III shows scientist years by Research Program (RP) and Research Program (RP). RP's and RPG's are made up of combinations determined by type of research (Agricultural Commodity, and Research Problem Areas (RPA) classification.

appearing in Volumes I and II are gross figures. This means that they are allocated to specific research projects but considered to be an integral part of doing research are prorated to the appropriate research project. The amount of funds not allocated to projects varies among the agencies. It usually includes administration, supervision, and clerical services. It may include publications and statistical services, operation of research farms, and other expenditures that relate to research. Prior to Fiscal Year 1972 Tables III and IV in Volume II are

Research Work Unit/Project Classification - Listings of the appropriate categories are included in each of the volumes. More complete classification can be found in the "Manual of Classification of Agricultural Research" available from the Agricultural Information Division, Agricultural Research Systems, U. S. Department of Agriculture.

Classification on individual Research Work Unit/Projects are provided in the input form. Only one line is used. For example, a project carried out by a geneticist on breeding corn for resistance to cotton insects would be coded:

"Activity" - 4500 (Insect Control), "Commodity" - 2100 (Cotton), "Field of Science" - 0412 (Entomology), "Problem Area" - 207 (Control of insect pests of Field Crops) - 100%

Projects (projects) could not be classified on a single classification line. For example, a project carried out by a geneticist on breeding corn for resistance to disease and improved yield would use two classification lines. If the person preparing the input form, three-fourths of the employment would be for resistance and one-fourth on yield, the lines would be:

"Activity" - 4600 (Disease control), "Commodity" - 1400 (Corn), "Field of Science" - 0512 (Genetics), "Problem Area" - 208 (Control of disease of field crops) - 75%

"Activity" - 5000 (Biol. efficiency), "Commodity" - 1400 (Corn), "Field of Science" 0512 (Genetics), "Problem Area" - 307 (Improvement of biological efficiency of field crops) - 25%

Problem Area tabulations, 75% of the scientist years and of the project for this project would be aggregated with other projects in the "Control of diseases of field crops," and 25% would be aggregated in the Problem Area "Improvement of biological efficiency of field crops." Commodity tabulations, 100% of this project would be in "corn."

## VOLUME III

The material in this Volume has been organized into major sub-units based on type of research (Agricultural Commodity, and Research Problem Area (RPA) Classification). Various Commodity X RPA Combinations for the two types aggregate to 48 Research Programs (RPs) which, in turn, are divided into seven (7) Research Program Groups (RPGs). One additional group has been established for unclassified projects. In this part of the report, Forestry Research includes all research performed by Forest Research Schools, funded by McIntire-Stennis, or designated by the Cooperative State Research Service. All other research is considered agricultural research. Duplication has been avoided by designating each unique Type X Commodity X RPA combination as having a primary impact on only one of the 48 RPs. For example, a research project conducted by the Agricultural Research Service concerning watershed protection, Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 1.02 "Water and Watershed Protection". A research project conducted by the Forest Service concerning watershed protection Commodity 0300 "Watersheds and River Basins" and RPA 107 "Watershed Protection and Management" is reported as having a primary impact on RP 2.04 "Forest Watersheds, Soils, and Pollution".

The Research Program Key on Pages ix-x shows the Commodity X RPA combinations that aggregate to each RP. Columns 1 (Agricultural) and 2 and 4 (Forestry) show the combination of Commodity and RPA having a primary impact on each research program.

The SYS are listed by performing organization except for Grants, Grants and Cooperative Agreements with organizations outside the State Agricultural Experiment Stations. The funding organization is listed by funding organization.

[illegible]

U.S. DEPARTMENT OF AGRICULTURE RESEARCH WORK UNIT/PROJECT DESCRIPTION - CLASSIFICATION OF RESEARCH U.S. DEPT. OF AGRICULTURE, STATE AGRICULTURAL EXPERIMENT STATION AND OTHER INSTITUTIONS										DATE (Day, Month, Year)	
1. AGENCY NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT PROJECT NO.		4. MATCH MARKETING		5. FORESTRY		6. PRODUCT OF (N) IN (N) IN	
7. BASIC RESEARCH		8. APPLIED RESEARCH		9. DEVELOPMENT EFFORT		10. RESEARCH PROBLEM AREA		11. SCIENCE		12. COMMODITY	
13. %		14. %		15. %		16. %		17. %		18. %	
CLASSIFICATION BY ACTIVITY, COMMODITY, SCIENCE, AND RESEARCH PROBLEM AREA											
ACTIVITY		COMMODITY		SCIENCE		RESEARCH PROBLEM AREA		PRODUCT OF (N) IN (N) IN		19. %	
CODE (1)	% (2)	CODE (3)	% (4)	CODE (5)	% (6)	CODE (7)	% (8)	CODE (9)	% (10)	CODE (11)	% (12)
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											

  

SPECIAL CLASSIFICATION											
Fields 49 - 77 are used to identify special areas of research such as: Pollution, Health and Medical, Tobacco-Health, Weather, Nuclear Radiation, Poverty, Natural Beauty, Sub-Commodities, Pesticide Targets, Water Resources, Energy, Home Economics, Sub-Archives (ARS) and Special Research Programs (ARS). Refer to your agency manual for specific codes and instructions.											
CODE	%	CODE	%	CODE	%	CODE	%	CODE	%	CODE	%
48		54		60		66		72			
49		55		61		67		73			
50		56		62		68		74			



1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.		4. REGIONAL PROJECT NO.		5. TITLE		6. DATE (Day, Mo., Year)	
RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER											
FOR STATE AND OTHER NON-FEDERAL INSTITUTIONS											
7. TITLE											
8. REGIONAL PROJECT NO.											
9. WORK UNIT/PROJECT NO.											
10. DATE (Day, Mo., Year)											

  

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION		
FEDERAL RESEARCH FUNDS CSRS ADMINISTERED		
FIELD NUMBER	DESCRIPTION	FY ACTUAL \$
(201)	Hush Funds	
(202)	Regional Research Funds	
(203)	McIntire Stennis Funds	
(204)	Special Grants for Research (PL 89-105)	
(205)	Other Funds (Identify)	
TOTAL (231)		
OTHER FEDERAL RESEARCH FUNDS		
(219)	USDA Contracts Grants Coop Agreements (Identify Agency)	
(220)	National Science Foundation	
(221)	Energy Research and Development Administration	
(222)	Agency for International Development	
(223)	Department of Defense	
(224)	National Institutes of Health	
(225)	Public Health Service	
(226)	Health, Education and Welfare	
(227)	National Aeronautics and Space Administration	
(228)	Tennessee Valley Authority	
(229)	Other (Identify)	
TOTAL (232)		
NON-FEDERAL RESEARCH FUNDS		
(230)	State Appropriations	
(231)	Sale of Products	
(232)	Industry Grants and Agreements	
(233)	Other Non-Federal Funds	
TOTAL (233)		
TOTAL ALL RESEARCH FUNDS AT LOCATION (234)		
STAFF SUPPORT		
NON-FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)		
Scientists (Asst. Prof. and above)		
Professional Support		
Technical Support		
Clerical, Labor and Other		

1. ACCESSION NO.		2. AGENCY IDENTIFICATION NO.		3. WORK UNIT/PROJECT NO.		4. REGIONAL PROJECT NO.		5. TITLE		6. DATE (Day, Mo., Year)	
RESEARCH WORK UNIT/PROJECT DESCRIPTION - RESEARCH FUNDS AND MANPOWER											
FOR STATE AND OTHER NON-FEDERAL INSTITUTIONS											
7. TITLE											
8. REGIONAL PROJECT NO.											
9. WORK UNIT/PROJECT NO.											
10. DATE (Day, Mo., Year)											

  

ALLOCATION OF RESEARCH FUNDS TO WORK UNIT/PROJECT AT LOCATION		
FEDERAL RESEARCH FUNDS USDA APPROPRIATIONS		
FIELD NUMBER	DESCRIPTION	FY ACTUAL \$
(101)	Regular, In House	
(102)	Regular, Contracts, Grants, Agreements with AES	
(103)	Special Funds (015) (ARS) In House	
(104)	Special Funds (010) (ARS) In House	
(105)	Forest Service Research Contracts	
(106)	Other USDA (Identify)	
(107)		
TOTAL (131)		
OTHER FEDERAL RESEARCH FUNDS		
(139)	Energy Research and Development Administration	
(140)	Department of Defense	
(141)	National Institutes of Health	
(142)	Public Health Service	
(143)	Health Education and Welfare (Other)	
(144)	National Aeronautics and Space Administration	
(145)	Tennessee Valley Authority	
(146)	Foreign Agricultural Research (PL 480)	
(147)	Other Federal Funds (Identify)	
(148)		
TOTAL (132)		
NON-FEDERAL RESEARCH FUNDS		
(133)	Trust Funds, In House	
(134)	Trust Funds, Contracts, Grants, Agreements with AES	
(135)	Trust Funds, Contracts, Grants, Agreements with Others	
(136)	Other Non-Federal Funds (Identify)	
TOTAL (133)		
TOTAL ALL RESEARCH FUNDS AT LOCATION (134)		
STAFF SUPPORT		
FEDERALLY EMPLOYED STAFF SUPPORT (Report nearest 0.1)		
Scientists (GS-11 and above)		
Professional Support		
Technical Support		
Clerical, Labor and Other		
TOTAL STAFF YEARS		

## 1.00 NATURAL RESOURCES

- 1.01 Soil and Land Use
- 1.02 Water and Watersheds
- 1.03 Recreation
- 1.04 Environmental Quality
- 1.05 Weather Modification
- 1.06 Fish and Wildlife
- 1.07 Remote Sensing

## 2.00 FORESTRY

- 2.01 Inventory and Appraisal of Forestry Resources
- 2.02 Timber Management
- 2.03 Forest Protection
- 2.04 Harvesting, Processing, Marketing of Forest Products
- 2.05 Forest Watersheds, Soils, Pollution
- 2.06 Forest, Range, Wildlife and Fisheries Habitat
- 2.07 Forest Recreation, Aesthetics, Landscape
- 2.08 Alternate Uses of Land
- 2.09 Technical Assistance

## 3.00 CROPS (Field and Horticultural)

- 3.01 Corn
- 3.02 Grain Sorghum
- 3.03 Wheat
- 3.04 Other Small Grains
- 3.05 Rice
- 3.06 Soybeans
- 3.07 Peanuts
- 3.08 Sugar
- 3.09 Forage, Pasture and Range
- 3.10 Cotton
- 3.11 Tobacco
- 3.12 New Crops and Minor Oilseeds
- 3.13 Fruit
- 3.14 Vegetable Crops
- 3.15 Plants to Enhance Man's Environment
- 3.16 Bees and Other Pollinating Insects

4.00 ANIMALS

- 4.01 Beef
- 4.02 Dairy
- 4.03 Poultry
- 4.04 Sheep
- 4.05 Swine
- 4.06 Other Animals
- 4.07 Aquatic Foods and Feedstuffs

5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS

- 5.01 Food and Nutrition
- 5.02 Food Safety
- 5.03 Rural Development and Quality of Family Living
- 5.04 Insects Affecting Man and His Belongings
- 5.05 Research on Administration of Research

6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME

- 6.01 Farm Adjustment, Prices and Income
- 6.02 Foreign Agricultural Trade and Economic Development
- 6.03 Marketing and Competition

7.00 GENERAL RESOURCE OR TECHNOLOGY

- 7.01 General Resource or Technology

9.00 UNCLASSIFIED

- 9.01 Unclassified

# CLASSIFICATION CODESHEET FOR REPORT OF AGRICULTURE

COMMODITY, RESOURCE OR TECHNOLOGY  
ASSOCIATED WITH SPECIFIC COMMODITY

## COMMODITIES OR RESOURCES

- 0100 Soil and Land
- 0200 Water
- 0300 Watersheds and River Basins
- 0400 Air and Climate
- 0500 Recreation Resources
- 0600 Trees, Forests and Forest Products (Excluding  
Crops (See 1015), and Tung (See 2560))
- 0700 Range
- 0800 Fish, Shellfish, Game and Fur-Bearing Animals  
and their Habitats
- 0900 Citrus and Subtropical Fruit
- 1000 Deciduous and Small Fruits and Edible Tree Nuts
- 1100 Potatoes
- 1200 Vegetables
- 1300 Ornamentals and Turf
- 1400 Corn (Includes Popcorn). (For Sweetcorn, See 1500)
- 1500 Grain Sorghum
- 1600 Rice
- 1700 Wheat
- 1800 Other Small Grains
- 1900 Pasture
- 2000 Forage Crops
- 2100 Cotton (Including Cottonseed for Planting Purposes)
- 2200 Cottonseed (For Meal, Oil, etc.)
- 2300 Soybeans
- 2400 Peanuts
- 2500 Other Oilseed and Oil Crops (Excluding Cotton)
- 2600 Tobacco
- 2700 Sugar Crops
- 2800 Miscellaneous and New Crops
- 2900 Poultry
- 3000 Beef Cattle
- 3100 Dairy Cattle
- 3200 Swine
- 3300 Sheep and Wool
- 3400 Other Animals (See 0850 for Fur-Bearing Animals)
- 3500 Bees and Honey and Other Pollinating Insects
- 3600 General Purpose Supplies  
Includes: Machinery, Equipment, Fertilizers  
Pesticides
- 3700 Clothing and Textiles
- 3800 Food (Not Readily Associated with Specific Plant  
Products)
- 3900 Structures and Facilities
- 4000 People as Individual Workers, Consumers and Managers
- 4100 The Family and Its Members
- 4200 The Farm as a Business Enterprise

## COMMODITY OR RESOURCE

- 300 Communities, Areas and Regions, including Countries and their Institutions and Organizations
- 400 Agricultural Economy of United States and Sector including interrelationships with the Total Economy
- 500 Agricultural Economy of Foreign Countries and Sectors including Interrelationships with the Total Economy
- 600 Farmer Cooperatives
- 700 Marketing, Processing and Supply Firms other than Government
- 800 Marketing Systems and Sectors thereof
- 100 Weeds
- 200 Seed Research
- 300 Biological Cell Systems
- 400 Experimental Design and Statistical Methods
- 500 Invertebrates (Including Insects, Mites, Ticks, and Leeches)
- 600 Microorganisms, Viruses, Etc.
- 700 Plants
- 800 Animals (Vertebrates)
- 900 Research on Research Management (Not Research Management)
- 000 Research Equipment and Technology (Such as Remote Sensing)

## RESEARCH PROBLEM AREAS (RPA'S)

### GOAL I: INSURE A STABLE AND PRODUCTIVE AGRICULTURE FOR THE FUTURE THROUGH WISE MANAGEMENT OF NATURAL RESOURCES

#### Appraisal of Soil Resources

Soil, Plant, Water, Nutrient Relationships

Management of Saline and Sodid Soils and Salinity

Alternative Uses of Land

Conservation and Efficient Use of Water

Efficient Drainage and Irrigation Systems and Facilities

Watershed Protection and Management

Economic and Legal Problems in Management of Water and Watersheds

Adaptation to Weather and Weather Modification

Appraisal of Forest and Range Resources

Biology, Culture and Management of Forests and Timber-Related

Improvement of Range Resources

Remote Sensing

Research on Management of Research

### GOAL II: PROTECT FORESTS, CROPS AND LIVESTOCK FROM INSECTS, DISEASES AND OTHER HAZARDS

Control of Insects Affecting Forests

Control of Diseases, Parasites and Nematodes Affecting Forests

Prevention and Control of Forest and Range Fires

Control of Insects, Mites, Slugs, and Snails on Fruit and Vegetables

Control of Diseases and Nematodes of Fruit and Vegetable Crops

Control of Weeds and Other Hazards to Fruit and Vegetable Crops

Control of Insects, Mites, Snails, and Slugs Affecting Field

Crops and Range

Control of Diseases and Nematodes of Field Crops and Range

Control of Weeds and Other Hazards of Field Crops and Range

Control of Insects and External Parasites Affecting Livestock,

Other Animals

Control of Diseases of Livestock, Poultry and Other Animals

Control of Internal Parasites of Livestock, Poultry, and Other

Protect Livestock, Poultry and Other Animals from Toxic Chemicals

Poisonous Plants, and Other Hazards

Protection of Plants, Animals, and Man from Harmful Effects of

GOAL III: PRODUCE AN ADEQUATE SUPPLY OF FARM AND FOREST PRODUCTS  
AT DECREASING REAL PRODUCTION COSTS

- 301 Genetics and Breeding of Forest Trees
- 302 New and Improved Forest Engineering Systems
- 303 Economics of Timber Production
- 304 Improvement of Biological Efficiency of Fruit and Vegetable Crops
- 305 Mechanization of Fruit and Vegetable Crop Production
- 306 Production Management Systems for Fruits and Vegetables
- 307 Improvement of Biological Efficiency of Field Crops
- 308 Mechanization of Production of Field Crops
- 309 Production Management Systems for Field Crops
- 310 Reproductive Performance of Livestock, Poultry and Other Animals
- 311 Improvement of Biological Efficiency in Production of Livestock, Poultry and Other Animals
- 312 Environmental Stress in Production of Livestock, Poultry and Other Animals
- 313 Production Management Systems for Livestock, Poultry and Other Animals
- 314 Bees and Other Pollinating Insects
- 315 Improvement of Structures, Facilities and General Purpose Equipment
- 316 Farm Business Management
- 317 Mechanization and Structures Used in Production of Livestock, Poultry and Other Animals
- 318 Non-Commodity-Oriented Biological Technology and Biochemistry

GOAL IV: EXPAND THE DEMAND FOR FARM AND FOREST PRODUCTS  
NEW AND IMPROVED PRODUCTS AND PROCESSES AND  
PRODUCT QUALITY

- 401 New and Improved Forest Products
- 402 Production of Fruit and Vegetable Crops with Improved Quality
- 403 New and Improved Fruit and Vegetable Products and By-Products
- 404 Quality Maintenance in Storing and Marketing Fruits and Vegetables
- 405 Production of Field Crops with Improved Acceptability

Products from Field Crops  
Textile, and Industrial Products

and Marketing Field Crops  
with Improved Acceptability

, and Other Animal  
Products  
Animal Products

## GOAL V: IMPROVE EFFICIENCY IN THE MARKETING SYSTEM

Improvement of Grades and Standards--Crop and Animal Products  
Development of Markets and Efficient Marketing of Timber and Related Products  
Efficiency in Marketing Agricultural Products and Production Inputs  
Supply, Demand and Price Analysis--Crop and Animal Products

Competitive Interrelationships in Agriculture  
Development of Domestic Markets for Farm Products  
Performance of Marketing Systems  
Group Action and Market Power  
Improvement in Agricultural Statistics

Improvement of Grades and Standards of Forest Products  
Supply, Demand and Price Analysis--Forest Products

## GOAL VI: EXPAND EXPORT MARKETS AND ASSIST DEVELOPING NATIONS

Foreign Market Development  
Evaluation of Foreign Food Aid Programs  
Technical Assistance to Developing Countries  
Product Development and Marketing for Foreign Markets

## GOAL VII: PROTECT CONSUMER HEALTH AND IMPROVE NUTRITION AND WELL-BEING OF THE AMERICAN PEOPLE

Assure Food Products Free of Toxic Residues from Agricultural Sources  
Protect Food and Feed Supplies from Harmful Microorganisms and Naturally Occurring Toxins  
Food Choices, Habits, and Consumption  
Home and Commercial Food Service

Selection and Care of Clothing and Household Textiles  
Control of Insect Pests of Man and His Belongings  
Prevent Transmission of Animal Diseases and Parasites to Man  
Human Nutrition  
Reduction of Hazards to Health and Safety

## GOAL VIII: ASSIST RURAL AMERICANS TO IMPROVE THEIR LEVEL OF LIVING

Housing  
Individual and Family Decision Making and Resource Use and Family Income  
Causes of Poverty Among Rural People  
Improvement of Economic Potential of Rural People

RPA incorporates research formerly included under RPA's 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000



GOAL VIII: (Continued)

Communication and Education Processes  
Individual and Family Adjustment to Change  
Structural Changes in Agriculture  
Government Programs to Balance Farm Output and Market Demand

GOAL IX: PROMOTE COMMUNITY IMPROVEMENT INCLUDING DEVELOPMENT  
RECREATION, ENVIRONMENT, ECONOMIC OPPORTUNITY, AND

Alleviation of Soil, Water and Air Pollution and Disposal of  
Outdoor Recreation  
Multiple Use Potential of Forest Land and Evaluation of Forest  
Fish and Other Marine Life, Fur-Bearing Animals and Other Wildlife  
Trees to Enhance Rural and Urban Environment  
Culture and Protection of Ornamentals and Turf  
Improved Income Opportunities in Rural Communities  
Improvement of Rural Community Institutions and Services

# RESEARCH PROGRAM GROUP (RPG) 1.00 NATURAL RESOURCES

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
1.01 Soil and Land Use	0100, 6700	101-107	103, 106, 105
	3900	--	--
1.02 Water and Watersheds	0200	102, 103-108	102, 103, 104, 106, 108
	0300	104, 107, 108, 302, 903	104, 108, 903
	3900	106, 107	--
	6700	102, 105	102, 105
1.03 Recreation	0500, 0600	902, 903	903
1.04 Environmental Quality	All Commodities	214, 901	--
1.05 Weather Modification	All Commodities	109	109
1.06 Fish and Wildlife	0810, 0830-0890, 6500	410, 903, 904	410, 903
1.07 Remote Sensing	All Commodities	113	113

## RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
Inventory and Appraisal of Forestry Resources	0100	110	110
	0200	110	110
	0500	110	110
	0600	110	110,113,318
	0700	--	110
	0810,0820,0821,0822	110	110
	0830-0890	110	110
	6400	--	318
	7000	--	110,113
2.02 Timber Management	0600	111,301	111,301
	2000	--	307
	7000	--	111
2.03 Forest Protection	0600	201-203	201-203
	0700	--	203
	0800	203	203
	0300	--	302
2.04 Harvesting, Processing, Marketing of Forest Products	0600	302,303,401,502,	302,303,401,502,
		512,513	512,513,604,801,
			808
	3600	513	513
	3900	401,513	401,513,801
	7000	--	302
2.05 Forest Watersheds, Soils Pollution	0100	--	101,102,107,901
	0200	--	105,107,901
	0300	--	107,901

# RESEARCH PROGRAM GROUP (RPG) 2.00 FORESTRY(Continued)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
2.06 Forest, Range, Wild- life and Fisheries Habitat Development	0600 0700 0810, 0830-0890 0820, 0821, 0822	904 -- -- --	904 112 904 904
2.07 Forest Recreation Aesthetics, Land- scape Values	0500 0600, 1391 1000 1391	-- -- -- --	902 902, 905 906 906
2.08 Alternate Uses of Land	0100 0200 0300 0500 0600 0700 0810, 0830-0890 0820, 0821, 0822	-- -- -- -- 903 -- -- --	104 104 903 903 903 903 903 903
2.09 Technical Assistance	0600 4300	-- --	601, 603 907

1/ All research except that included under Forestry.  
 2/ All research performed by "Forest Service" by "Forestry Schools" funded by



## RESEARCH PROGRAM GROUP (RPG) 3.00 CROPS (FIELD AND HORTICULTURAL) (Continued)

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
3.10 Cotton	2100	105, 207-209, 307-309, 405, 507, 408, 501, 709 308, 309, 405-408, 501	Same as Agricultural
3.11 Tobacco	2600	207-209, 307-309, 405, 407, 408, 501, 709	Same as Agricultural
3.12 New Crops and Minor Oilseeds	2500 2800	Same as RP 3.01 204-209, 304-309, 402- 408, 501, 709	Same as Agricultural
3.13 Fruit	0900 1000	204-206, 304-306, 402- 404, 501 Same as above plus 102, 906	Same as Agricultural
3.14 Vegetable Crops	1100 1200	105, 204-206, 304-306, 402-404, 501 102, 103, 204-206, 304- 306, 402-404, 501	Same as Agricultural
3.15 Plants to Enhance Man's Environment	0600 1300, 1339 1391	905 105, 905, 906 905, 106	Same as Agricultural
3.16 Bees and Other Pollinating Insects	3500	314	Same as Agricultural

# RESEARCH PROGRAM GROUP (RPG) 4.00 ANIMALS

SEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/ RPA	FORESTRY 2/ RPA
Beef	3000	210-213,310-313, 317,409-412,501	Same as Agricultural
Dairy	3100	Same as RP 4.01	Same as Agricultural
Poultry	2900	Same as RP 4.01	Same as Agricultural
Sheep	3300	Same as RP 4.01	Same as Agricultural
Swine	3200	Same as RP 4.01	Same as Agricultural
Other Animals	3400	Same as RP 4.01	Same as Agricultural
Aquatic Foods and Feedstuffs	0820,0821,0822	410-412,501,903 904	Same as Agricultural

All research except that included under Forestry.  
 All research performed by "Forest Service," by "Forestry Schools," or funded by  
 "McIntire-Stennis," or designated Forestry by the Cooperative State Research  
 Service.

# RESEARCH PROGRAM GROUP (RPG) 5.00 PEOPLE, COMMUNITIES AND INSTITUTIONS

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/		FORESTRY 2/	
		RPA		RPA	
5.01 Food and Nutrition	3800	318,403-046,408-410,412,501,703,704,708		Same as Agricultural	
	All Commodities	703,704,708		Same as Agricultural	
5.02 Food Safety	3800	701,702		Same as Agricultural	
	All Commodities	701,702		Same as Agricultural	
5.03 Rural Development and Quality of Family Living	0600	801		Same as Agricultural	
	3600	317,709		Same as Agricultural	
	3700	705,709		Same as Agricultural	
	3900	709,801		709	
	4000	707,709,801-806		Same as Agricultural	
		907			
	4100	707,801-806,907		Same as Agricultural	
	4300	803,805,806,902,907,908		803,805,806,908	
5.04 Insects Affecting Man and his Belongings	All Commodities	706		Same as Agricultural	
5.05 Research on Administration of Research	6900	114		Same as Agricultural	



# RESEARCH PROGRAM GROUP (RPG) 6.00 COMPETITION, TRADE, ADJUSTMENT, PRICE AND INCOME

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL RPA	FORESTRY RPA
6.01 Farm Adjustment, Prices and Income	All Commodities except 0600 0600	315,316,511,807, 808 808	315,316,511,807, 808 --
6.02 Foreign Agricultural Trade and Economic	All Commodities except 0600 0600	601-604 604	Same as Agricultural --
6.03 Marketing and Compe- tition	All Commodities	503,506-510	Same as Agricultural

1/ All research except that included under Forestry.  
2/ All research performed by "Forest Service," by "Forestry Schools," or funded  
 by "McIntire-Stennis," or designated Forestry by the Cooperative State  
 Research Service.

NOTE: The designation "--" indicates no entry.

# RESEARCH PROGRAM GROUP (RPG) 7.00 GENERAL RESOURCE OR TECHNOLOGY

RESEARCH PROGRAM	COMMODITY/RESOURCE	AGRICULTURAL 1/		FORESTRY 2/	
		RPA		RPA	
7.01 General Resource or Technology	0600	318			Same as Agricultural
	3600	501			Same as Agricultural
	3900	317			Same as Agricultural
	5100	318			Same as Agricultural
	6200	304, 307, 318, 501, 408			Same as Agricultural
	6300	318			Same as Agricultural
	6400	318			Same as Agricultural
	6500	318, 211			Same as Agricultural
	6600	208, 318, 707			Same as Agricultural
	6700	204-209, 304-309,			Same as Agricultural
		318, 402-408, 501			
	6800	210-213, 310-313,			Same as Agricultural
		317, 318, 409-412,			
		501			
	7000	110, 111, 302, 304,			304, 311, 318
		311, 318			

xxx

1/ All research except that included under Forestry.  
2/ All research performed by "Forest Service"

TABLE V-C NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PSIMABY)

## RESEARCH PROGRAM GROUP SUMMARY

	ABS	BRS	PCS/SBS	PS	USDA TOTAL	SARS	OTH CO 195
RPG 1.00: NATURAL RESOURCES	453.5	48.6	.0	1.1	503.2	801.0	2
RPG 2.00: FOREST RESOURCES	6.3	.0	.0	950.4	956.7	403.3	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	1360.9	4.4	.0	.0	1365.3	2469.0	3
RPG 4.00: ANIMALS	444.8	2.4	.0	.0	447.2	1223.1	2
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	355.4	64.4	.0	.0	419.8	633.4	5
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	101.9	336.3	21.1	.0	459.3	332.5	7
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	274.2	.0	.0	.0	274.2	582.4	1
RPG 9.00: UNCLASSIFIED	.0	1.0	.0	.0	1.0	111.0	
GRAND TOTAL	2997.0	457.1	21.1	951.5	4426.7	6555.6	15

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	PCS/SBS	FS	USDA TOTAL	SARS	OTR
RPG 1.00: NATURAL RESOURCES	6.1	.0	.0	.0	6.1	.0	
RPG 2.00: FOREST RESOURCES	1.6	.0	.0	.0	1.6	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	21.2	.0	.0	.0	21.2	.0	
RPG 4.00: ANIMALS	4.5	.0	.0	.0	4.5	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.0	.0	.0	.0	3.0	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	6.8	.0	.0	.0	6.8	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.8	.0	.0	.0	.8	.0	
GRAND TOTAL	44.0	.0	.0	.0	44.0	.0	

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	PCS/SBS	FS	USDA TOTAL	SARS	OTR
RPG 1.00: NATURAL RESOURCES	94.7	29.1	.0	.0	123.8	127.0	
RPG 2.00: FOREST RESOURCES	4.7	.0	.0	112.2	116.9	72.9	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	179.7	2.2	.0	.0	181.9	291.1	
RPG 4.00: ANIMALS	190.7	.0	.0	.0	190.7	186.2	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	186.4	57.0	.0	.0	243.4	140.3	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	35.1	285.4	19.7	.0	340.1	50.3	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	131.4	.0	.0	.0	131.4	83.9	
RPG 9.00: UNCLASSIFIED	.0	1.0	.0	.0	1.0	8.9	
GRAND TOTAL	822.6	374.7	19.7	112.2	1329.2	960.5	

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	PCS/SBS	FS	USDA TOTAL	SARS	OTR
RPG 1.00: NATURAL RESOURCES	119.5	3.7	.0	.0	123.2	212.9	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	223.4	223.4	152.9	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	581.4	1.3	.0	.0	582.7	1022.1	
RPG 4.00: ANIMALS	88.5	.0	.0	.0	88.5	465.2	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	70.7	6.2	.0	.0	76.9	156.1	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	26.8	27.4	.0	.0	54.2	114.7	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	51.7	.0	.0	.0	51.7	128.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	59.2	
GRAND TOTAL	938.6	38.6	.0	223.4	1200.6	2311.2	

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SPS	FS	USDA TOTAL	SAES	OTI
RPG 1.00: NATURAL RESOURCES	87.5	8.8	.0	.0	96.3	222.3	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	245.6	245.6	93.3	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	279.6	.9	.0	.0	280.5	560.7	
RPG 4.00: ANIMALS	102.1	1.2	.0	.0	103.3	350.4	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	58.2	1.2	.0	.0	59.4	180.1	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	10.9	15.5	1.4	.0	27.8	106.7	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	60.6	.0	.0	.0	60.6	174.6	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	38.2	
GRAND TOTAL	598.9	27.6	1.4	245.6	873.5	1726.3	

TABLE V-C REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SPS	FS	USDA TOTAL	SAES	OTI
RPG 1.00: NATURAL RESOURCES	145.6	7.0	.0	1.1	153.7	238.7	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	369.2	369.2	84.3	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	299.0	.0	.0	.0	299.0	595.2	
RPG 4.00: ANIMALS	59.0	1.2	.0	.0	60.2	221.3	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	37.2	.0	.0	.0	37.2	156.9	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	22.3	8.0	.0	.0	30.3	60.7	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	29.8	.0	.0	.0	29.8	195.9	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	4.7	
GRAND TOTAL	592.9	16.2	.0	370.3	979.4	1557.6	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH I
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.1	.0	.0	.0	.1	.0	
GRAND TOTAL	.1	.0	.0	.0	.1	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH I
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.1	.0	.0	.0	.1	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	.1	.0	.0	.0	.1	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH I
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	.0	.0	.0	1.0	.0	
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH I
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.1	.0	.0	.0	2.1	.0	
GRAND TOTAL	2.1	.0	.0	.0	2.1	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 2.00: FOREST RESOURCES	.6	.0	.0	.0	.6	.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.6	.0	.0	.0	.6	.0	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.8	.0	.0	.0	.8	.0	.0
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.2	.0	.0	.0	2.2	.0	.0
GRAND TOTAL	2.2	.0	.0	.0	2.2	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.5	.0	.0	.0	.5	.0	.0
GRAND TOTAL	.5	.0	.0	.0	.5	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 2.00: FOREST RESOURCES	1.0	.0	.0	.0	1.0	.0	.0
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
EPG 4.00: ANIMALS	1.1	.0	.0	.0	1.1	.0	
GRAND TOTAL	1.1	.0	.0	.0	1.1	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
EPG 1.00: CROPS (FIELD & HORTICULTURAL)	.3	.0	.0	.0	.3	.0	
EPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.7	.0	.0	.0	1.7	.0	
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
EPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.4	.0	.0	.0	.4	.0	
GRAND TOTAL	.4	.0	.0	.0	.4	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
EPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.3	.0	.0	.0	2.3	.0	
GRAND TOTAL	2.3	.0	.0	.0	2.3	.0	



TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SPS	FS	USDA TOTAL	SARS	OTH COOP INSTS
EPG 1.00: NATURAL RESOURCES	6.1	.0	.0	.0	6.1	.0	.0
GRAND TOTAL	6.1	.0	.0	.0	6.1	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
EPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	.0	.0
EPG 4.00: ANIMALS	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
EPG 3.00: CROPS (FIELD & HORTICULTURAL)	3.5	.0	.0	.0	3.5	.0	.0
GRAND TOTAL	3.5	.0	.0	.0	3.5	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
EPG 4.00: ANIMALS	3.4	.0	.0	.0	3.4	.0	.0
EPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.9	.0	.0	.0	.9	.0	.0
GRAND TOTAL	4.3	.0	.0	.0	4.3	.0	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
BPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.6	.0	.0	.0	11.6	.0	.0	
BPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.7	.0	.0	.0	3.7	.0	.0	
GRAND TOTAL	15.3	.0	.0	.0	15.3	.0	.0	

1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	7.3	3.9	.0
2.00: FOREST RESOURCES	.0	.0	.0	18.0	18.0	6.6	1.3	.0
3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	20.0	2.5	.0
4.00: ANIMALS	.0	.0	.0	.0	.0	.7	13.9	.0
5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	1.7	3.7	.0
6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.0	2.1	.0
7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.7	.4	.0
9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	5.3	.0
AND TOTAL	.0	.0	.0	18.0	18.0	39.1	33.1	.0

TABLE	Y-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REG
RESEARCH PROGRAM GROUP SUMMARY										DEL
		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	
1.00:	NATURAL RESOURCES	.0	.0	.0	.0	.0	3.1	1.0	.0	
2.00:	FOREST RESOURCES	.0	.0	.0	.0	.0	2.1	.0	.0	
3.00:	CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	8.2	.1	.0	
4.00:	ANIMALS	2.4	.0	.0	.0	2.4	3.9	.3	.0	
5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	2.2	.7	.0	
6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	2.4	.0	.0	
7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.0	.0	.0	.0	5.0	.1	.1	.0	
9.00:	UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	
AND TOTAL		7.4	.0	.0	.0	7.4	22.4	2.1	.0	

TABLE	Y-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			REG
RESEARCH PROGRAM GROUP SUMMARY										DIS
		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	
1.00:	NATURAL RESOURCES	.0	25.7	.0	.0	25.7	.3	.0	.0	
3.00:	CROPS (FIELD & HORTICULTURAL)	8.0	2.2	.0	.0	11.0	.0	.0	.0	
4.00:	ANIMALS	.0	.0	.0	.0	.0	.0	.0	.0	
5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	55.1	.0	.0	55.1	.2	.0	.0	
6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	281.7	19.7	.0	301.4	.2	.0	.0	
WD TOTAL		8.0	364.7	19.7	.0	393.2	.6	.0	.0	

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RPG 1.00: NATURAL RESOURCES	2.3	.0	.0	.0	2.3	8.3	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	6.6	6.6	17.8	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.3	.0	.0	.0	5.3	14.8	.0	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	9.4	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	6.0	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	3.8	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.5	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	
GRAND TOTAL	7.5	.0	.0	6.6	14.1	63.1	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RPG 1.00: NATURAL RESOURCES	43.0	.0	.0	.0	43.0	7.2	.7	
RPG 2.00: FOREST RESOURCES	2.3	.0	.0	4.0	6.3	3.2	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	123.9	.0	.0	.0	123.9	23.8	.8	
RPG 4.00: ANIMALS	93.2	.0	.0	.0	93.2	22.6	.4	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	106.7	.0	.0	.0	106.7	6.7	1.6	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	35.1	.0	.0	.0	35.1	4.4	.1	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	119.2	.0	.0	.0	119.2	4.3	.1	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	
GRAND TOTAL	523.4	.0	.0	4.0	527.4	72.6	3.7	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	5.9	.0	
RPG 2.00: FOREST RESOURCES	2.4	.0	.0	6.0	8.4	4.5	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.6	.0	.0	.0	.6	13.1	.0	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	4.2	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.0	.1	8.4	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.8	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.6	.0	
GRAND TOTAL	3.1	.0	.0	6.0	9.1	37.4	.0	

TABLE 9-C		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	BRS	FCS/SWS	PS	USDA TOTAL	SWS	OTH COOP INSTS	P
RPG 1.00: NATURAL RESOURCES	.0	1.0	.0	.0	1.0	4.5	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	15.6	15.6	6.3	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	5.6	.0	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	6.4	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.9	.0	.0	.9	2.1	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.8	.0	.0	.8	.8	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.1	.0	
GRAND TOTAL	.0	2.7	.0	15.6	18.3	27.9	.0	

TABLE 9-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
RESEARCH PROGRAM GROUP SUMMARY							
	ARS	BRS	FCS/SRS	PS	USDA TOTAL	SABS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	22.2	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.5	4.5	6.7	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.0	.0	.0	.0	4.0	29.5	.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	7.9	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.0	.0	.0	1.0	27.0	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	4.0	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	8.5	.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	2.3	.0
GRAND TOTAL	4.0	1.0	.0	4.5	9.5	108.9	.0

TABLE 9-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	BRS	FCS/SRS	PS	USDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	P
RPG 1.00: NATURAL RESOURCES	5.3	.0	.0	.0	5.3	25.6	1.6	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	1.8	1.8	3.8	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.7	.0	.0	.0	10.7	44.8	58.6	
RPG 4.00: ANIMALS	38.2	.0	.0	.0	38.2	69.5	.5	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.1	.0	.0	.0	1.1	46.5	4.7	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	12.1	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.6	.0	.0	.0	3.6	42.2	3.8	
RPG 9.00: UNCLASSIFIED	.0	1.0	.0	.0	1.0	.0	.0	
GRAND TOTAL	58.9	1.0	.0	1.8	61.7	244.5	69.2	

# RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	36.7	2.4	.0	.0	39.1	14.1	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	16.0	16.0	10.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	26.4	.0	.0	.0	26.4	43.9	.0
RPG 4.00: ANIMALS	56.9	.0	.0	.0	56.9	26.4	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	78.4	.0	.0	.0	78.4	17.4	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.9	.0	.0	2.9	13.8	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.6	.0	.0	.0	3.6	11.6	.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	202.0	5.3	.0	16.0	223.3	137.1	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)  
RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	11.1	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	1.6	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	10.7	.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	7.7	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	6.5	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.4	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.4	.0
GRAND TOTAL	.0	.0	.0	.0	.0	38.3	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)  
RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	4.9	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	8.0	8.0	2.3	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	5.9	.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	4.8	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	4.6	.0
TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	1.5	.0
ORCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.9	.0
	.0	.0	.0	8.0	8.0	27.8	.0

## RESEARCH PROGRAM GROUP SUMMARY

	ABS	BBS	FCS/SBS	FS	USDA TOTAL	SABS	OTH COOP INSTR	P
PG 1.00: NATURAL RESOURCES	7.5	.0	.0	.0	7.5	7.0	.0	
PG 2.00: FOREST RESOURCES	.0	.0	.0	31.7	31.7	6.7	.0	
PG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	9.8	.0	
PG 4.00: ANIMALS	.0	.0	.0	.0	.0	8.4	.0	
PG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	1.7	.0	
PG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	4.2	.0	
PG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.8	.0	
GRAND TOTAL	7.5	.0	.0	31.7	39.2	38.5	.0	

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	ALABAMA TUSKEGEE
RPG 1.00: NATURAL RESOURCES	9.3	.0	.0	.0	9.3	15.1	.1
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.3	4.3	13.3	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.3	.0	.0	.0	2.3	49.1	1.6
RPG 4.00: ANIMALS	3.4	.0	.0	.0	3.4	48.4	4.6
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.8	.0	.0	.0	.8	7.0	1.9
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.1	.0	.0	.0	1.1	4.7	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.7	.0	.0	.0	3.7	8.5	1.4
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	9.6	.0
GRAND TOTAL	20.6	.0	.0	4.3	24.9	155.6	9.6

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTRS	FO S
RPG 1.00: NATURAL RESOURCES	.0	1.0	.0	.0	1.0	11.2	.4	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	3.0	3.0	6.2	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	2.0	.0	.0	.0	2.0	43.0	3.6	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	19.0	1.9	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	7.1	2.4	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	1.1	.0	.0	1.1	6.3	.1	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	4.3	.0	
GRAND TOTAL	2.0	2.1	.0	3.0	7.1	97.0	8.3	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTRS	FO S
RPG 1.00: NATURAL RESOURCES	7.3	.0	.0	.0	7.3	49.9	6.3	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	15.0	15.0	14.2	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	60.9	.0	.0	.0	60.9	195.5	2.0	
RPG 4.00: ANIMALS	2.1	.0	.0	.0	2.1	51.5	1.6	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	17.9	.0	.0	.0	17.9	17.7	3.6	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	8.0	2.0	.0	.0	10.0	15.4	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	18.4	.0	.0	.0	18.4	24.2	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	114.5	2.0	.0	15.0	131.5	368.4	13.5	



TABLE	V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)			
RESEARCH PROGRAM GROUP SUMMARY									
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOL
RPG 1.00:	NATURAL RESOURCES	19.8	1.0	.0	.0	20.8	12.1	1.1	
RPG 2.00:	FOREST RESOURCES	.0	.0	.0	48.0	48.0	23.9	.0	
RPG 3.00:	CROPS (FIELD & HORTICULTURAL)	97.1	.0	.0	.0	97.1	60.1	4.1	
RPG 4.00:	ANIMALS	25.2	.0	.0	.0	25.2	41.2	1.7	
RPG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	18.9	1.0	.0	.0	19.9	11.6	3.9	
RPG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	8.7	4.9	.0	.0	13.6	11.3	4.8	
RPG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	12.2	.0	.0	.0	12.2	7.3	.9	
GRAND TOTAL		181.9	6.9	.0	48.0	236.8	187.5	16.4	

TABLE	V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCI
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	4.5	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	13.0	13.0	8.5	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	11.0	.0	.0	.0	11.8	33.3	.0	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	24.2	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.0	.0	.0	1.0	15.5	10.6	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	7.8	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.0	.2	5.1	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	2.3	.0	
GRAND TOTAL	12.0	1.0	.0	13.0	26.0	101.1	10.6	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	ERS	PCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RPG 1.00: NATURAL RESOURCES	5.2	.0	.0	.0	5.2	13.4	.5	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	36.7	36.7	10.3	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	155.3	.0	.0	.0	155.3	101.5	1.7	
RPG 4.00: ANIMALS	2.3	.0	.0	.0	2.3	55.3	1.8	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	11.6	.0	.0	.0	11.6	12.8	1.9	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.9	3.8	.0	.0	7.7	10.9	1.3	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.5	.0	.0	.0	1.5	5.2	.2	
GRAND TOTAL	179.7	3.8	.0	36.7	220.2	209.4	7.4	

TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RPG 1.00: NATURAL RESOURCES	23.8	.7	.0	.0	24.5	9.9	.8	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	37.5	37.5	23.3	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	80.4	1.3	.0	.0	81.7	65.9	.3	
RPG 4.00: ANIMALS	5.0	.0	.0	.0	5.0	34.0	.6	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.0	1.0	.0	.0	3.0	7.7	3.3	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	3.1	.0	.0	3.1	4.2	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	8.1	.0	.0	.0	8.1	2.8	.1	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	119.3	6.1	.0	37.5	162.9	147.9	5.1	

TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)  
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RPG 1.00: NATURAL RESOURCES	5.0	.0	.0	.0	5.0	17.4	3.2	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	34.1	34.1	17.0	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	30.3	.0	.0	.0	30.3	93.7	.2	
RPG 4.00: ANIMALS	.6	.0	.0	.0	.6	35.0	2.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	2.2	.1	.0	.0	2.3	13.4	2.4	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.0	1.2	.0	.0	2.2	5.0	.6	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	1.9	.0	.0	.0	1.9	21.9	.0	
GRAND TOTAL	41.0	1.3	.0	34.1	76.4	203.5	8.4	

TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)  
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RPG 1.00: NATURAL RESOURCES	14.6	1.0	.0	.0	15.6	6.6	4.3	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	4.6	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.5	.0	.0	.0	10.5	34.5	5.3	
RPG 4.00: ANIMALS	4.7	.0	.0	.0	4.7	24.2	.0	
PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	1.8	.0	.0	1.8	8.5	1.8	
ADJUSTMENT, PRICE & INCOME POLICY	.0	4.1	.0	.0	4.1	10.4	.0	
CLASSIFICATION ITEMS			.0	.0	.0	10.9	.0	
			.0	.0	.0	.0	.0	
			.0	.0	36.7	99.6	11.6	

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FS
RPG 1.00: NATURAL RESOURCES	3.6	.0	.0	.0	3.6	8.3	1.8	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	17.2	17.2	.3	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	28.9	.0	.0	.0	28.9	51.9	2.9	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	21.5	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.0	.9	.0	.0	3.9	7.1	2.9	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.0	.0	.0	2.0	4.6	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.1	.3	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	1.0	.0	
GRAND TOTAL	35.5	2.9	.0	17.2	55.6	97.8	7.8	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FS
RPG 1.00: NATURAL RESOURCES	.7	.0	.0	.0	.7	6.1	1.2	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.0	4.0	8.0	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.9	.0	.0	.0	9.9	39.8	.4	
RPG 4.00: ANIMALS	2.2	.0	.0	.0	2.2	27.0	1.3	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	4.0	.0	.0	.0	4.0	11.5	3.3	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	6.2	.6	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.4	.3	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	16.8	.0	.0	4.0	20.8	101.0	6.9	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FS
RPG 1.00: NATURAL RESOURCES	25.1	.0	.0	.0	25.1	37.3	1.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.6	4.6	5.5	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	78.6	.0	.0	.0	78.6	110.6	.6	
RPG 4.00: ANIMALS	43.1	.0	.0	.0	43.1	41.8	.1	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	7.0	.0	.0	.0	7.0	11.1	1.8	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	4.1	4.2	.0	.0	8.3	12.0	.2	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	5.6	.0	.0	.0	5.6	8.3	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	45.6	.0	
GRAND TOTAL	163.5	4.2	.0	4.6	172.3	272.3	3.8	

## RESEARCH PROGRAM GROUP SUMMARY

	ABS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOOL
RPG 1.00: NATURAL RESOURCES	.4	.0	.0	.0	.4	14.7	.7	.
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	17.7	.0	.
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	8.5	.0	.0	.0	8.5	47.3	5.8	.
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	35.2	1.0	.
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.3	.4	.0	.0	.7	17.9	4.2	.
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	1.0	.0	.0	1.0	7.3	.0	.
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.1	.0	.0	.0	.1	21.9	.0	.
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	.0	.
GRAND TOTAL	9.3	1.4	.0	.0	10.7	162.3	11.7	.

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ABS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOOL
RPG 1.00: NATURAL RESOURCES	4.3	.0	.0	.0	4.3	6.4	.0	.
RPG 2.00: FOREST RESOURCES	.0	.0	.0	6.0	6.0	.0	.0	.
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	5.0	.0	.0	.0	5.0	73.4	.0	.
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	4.8	.0	.
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.0	.0	.0	.0	3.0	7.7	.0	.
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	8.7	.0	.
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.4	.0	.
GRAND TOTAL	12.3	.0	.0	6.0	18.3	103.4	.0	.

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ABS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOOL
RPG 1.00: NATURAL RESOURCES	.4	.0	.0	.0	.4	.0	.0	.
RPG 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	2.4	.0	.
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	2.1	.0	.
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.0	.0	.
GRAND TOTAL	.4	.0	.0	.0	.4	4.5	.0	.

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)				RESEARCH PROGRAM GROUP SUMMARY
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	
PG 1.00:	NATURAL RESOURCES	.6	.0	.0	.0	.6	2.0	.0	.0	
PG 2.00:	FOREST RESOURCES	.0	.0	.0	15.9	15.9	.0	.0	1.0	
PG 3.00:	CROPS (FIELD & HORTICULTURAL)	4.3	.0	.0	.0	4.3	4.1	.0	.0	
PG 4.00:	ANIMALS	.3	.0	.0	.0	.3	1.4	.0	.0	
PG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.7	.0	.0	
PG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.9	.0	.0	.0	.9	2.1	.0	.0	
PG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL		6.1	.0	.0	15.9	22.0	10.3	.0	1.0	

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)				RESEARCH PROGRAM GROUP SUMMARY
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	
PG 1.00:	NATURAL RESOURCES	21.6	.0	.0	.0	21.6	24.7	.0	.3	
PG 2.00:	FOREST RESOURCES	.0	.0	.0	12.8	12.8	7.0	.0	3.0	
PG 3.00:	CROPS (FIELD & HORTICULTURAL)	100.7	.0	.0	.0	100.7	54.3	.0	.0	
PG 4.00:	ANIMALS	3.3	.0	.0	.0	3.3	36.4	.0	.0	
PG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	34.5	.0	.0	.0	34.5	15.7	.0	.2	
PG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.4	4.6	.0	.0	6.0	14.9	.0	.0	
PG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	21.7	.0	.0	.0	21.7	10.3	.0	.0	
PG 9.00:	UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0	
GRAND TOTAL		191.2	4.6	.0	12.8	208.6	163.7	.0	4.3	

TABLE V-C	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)				RESEARCH PROGRAM GROUP SUMMARY
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	
PG 1.00:	NATURAL RESOURCES	5.0	.0	.0	.0	5.0	21.0	.0	.0	
PG 2.00:	FOREST RESOURCES	.0	.0	.0	.0	.0	12.4	.0	.0	
PG 3.00:	CROPS (FIELD & HORTICULTURAL)	10.0	.0	.0	.0	10.0	49.3	.0	.0	
PG 4.00:	ANIMALS	2.4	.0	.0	.0	2.4	32.8	.0	.0	
PG 5.00:	PEOPLE, COMMUNITIES, & INSTITUTIONS	.2	.0	.0	.0	.2	13.8	.0	.0	
PG 6.00:	COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.1	.0	.0	2.1	13.8	.0	.0	
PG 7.00:	GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.2	.0	.0	.0	2.2	32.0	.0	.0	
PG 9.00:	UNCLASSIFIED	.0	.0	.0	.0	.0	1.4	.0	.0	
GRAND TOTAL		19.8	2.1	.0	.0	21.9	176.5	.0	.0	

RESEARCH PROGRAM GROUP SUMMARY								
	ARS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOOLS
G 1.00: NATURAL RESOURCES	2.1	.7	.0	.0	2.8	20.0	.0	.
G 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	4.2	.0	.
G 3.00: CROPS (FIELD & HORTICULTURAL)	15.8	.0	.0	.0	15.8	35.6	.0	.
G 4.00: ANIMALS	56.1	.0	.0	.0	56.1	24.6	.0	.
G 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.0	.1	14.9	.0	.
G 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.7	.0	.0	.0	1.7	6.6	.0	.
G 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.0	.0	.0	.0	3.0	6.2	.0	.
G 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	4.4	.0	.
AND TOTAL	78.8	.7	.0	.0	79.5	116.6	.0	.

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977								
(PRIMARY)								
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOOLS
G 1.00: NATURAL RESOURCES	5.1	.0	.0	.0	5.1	20.0	.0	.
G 2.00: FOREST RESOURCES	.0	.0	.0	.0	.0	4.6	.0	.
G 3.00: CROPS (FIELD & HORTICULTURAL)	24.7	.9	.0	.0	25.6	67.6	.0	.
G 4.00: ANIMALS	.2	.0	.0	.0	.2	39.6	.0	.
G 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.4	.0	.0	.0	1.4	15.5	.0	.
G 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.7	2.1	.0	.0	5.8	10.8	.0	.
G 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.1	.0	.0	.0	.1	13.2	.0	.
G 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	14.4	.0	.
AND TOTAL	35.2	3.0	.0	.0	38.2	185.6	.0	.

STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977								
(PRIMARY)								
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	MICHIGAN ANN ARBOR	MICHIGAN HOUGHTON
G 1.00: NATURAL RESOURCES	.1	1.0	.0	.0	1.1	24.0	.0	.
G 2.00: FOREST RESOURCES	.0	.0	.0	19.1	19.1	9.5	4.9	13.5
G 3.00: CROPS (FIELD & HORTICULTURAL)	11.6	.0	.0	.0	11.6	52.6	.4	.
G 4.00: ANIMALS	10.0	.0	.0	.0	10.0	32.0	.0	.
G 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	18.6	.0	.
G 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.5	.0	.0	.5	9.9	.0	.
G 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	21.7	.0	.
G 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.
AND TOTAL	21.7	1.5	.0	19.1	42.3	166.3	5.3	13.5

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RPG 1.00: NATURAL RESOURCES	16.4	.0	.0	.0	16.4	17.7	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	34.8	34.8	22.0	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.9	.0	.0	.0	14.9	51.5	.0	
RPG 4.00: ANIMALS	.1	.0	.0	.0	.1	29.3	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.5	.1	.0	.0	.6	27.4	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	1.9	1.9	1.4	.0	5.2	5.9	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.6	.0	.0	.0	.6	14.2	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.2	.0	
GRAND TOTAL	34.3	2.0	1.4	34.8	72.5	168.0	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RPG 1.00: NATURAL RESOURCES	9.0	.0	.0	.0	9.0	10.5	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	6.0	6.0	10.8	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.1	.0	.0	.0	14.1	39.1	1.0	
RPG 4.00: ANIMALS	4.7	.0	.0	.0	4.7	26.2	4.6	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	1.0	.0	.0	1.1	10.7	11.7	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.7	1.1	.0	.0	1.8	10.2	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	8.1	.0	.0	.0	8.1	8.8	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	
GRAND TOTAL	36.7	2.1	.0	6.0	44.8	116.7	17.3	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RPG 1.00: NATURAL RESOURCES	11.3	2.6	.0	.0	13.9	13.3	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	4.0	4.0	2.0	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.0	.0	.0	.0	12.0	49.5	.0	
RPG 4.00: ANIMALS	23.5	1.2	.0	.0	24.7	34.6	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.1	.0	.0	.0	.1	15.0	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.6	2.3	.0	.0	2.9	8.3	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.0	.2	9.6	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	12.0	.0	
GRAND TOTAL	47.7	6.1	.0	4.0	57.8	144.2	.0	

ECB PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/S&S	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY C SCHOOLS
00: NATURAL RESOURCES	9.7	1.5	.0	.0	11.2	21.7	.0	.0
00: FOREST RESOURCES	.0	.0	.0	3.0	3.0	.7	.0	.0
00: CROPS (FIELD & HORTICULTURAL)	18.9	.0	.0	.0	18.9	50.9	.0	.0
00: ANIMALS	.5	.0	.0	.0	.5	12.6	.0	.0
00: PEOPLE, COMMUNITIES, & INSTITUTIONS	20.3	.1	.0	.0	20.4	5.7	.0	.0
00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	5.8	.0	.0
00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	17.0	.0	.0	.0	17.0	18.3	.0	.0
00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	66.4	1.6	.0	3.0	71.0	115.7	.0	.0

Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

ECB PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/S&S	FS	USDA TOTAL	SARS	OHIO ALLIANCE	FORESTRY C SCHOOLS
00: NATURAL RESOURCES	6.7	.0	.0	.0	6.7	15.7	.0	.0
00: FOREST RESOURCES	.0	.0	.0	26.0	26.0	6.9	.0	.0
00: CROPS (FIELD & HORTICULTURAL)	17.3	.0	.0	.0	17.3	45.3	.0	.0
00: ANIMALS	.0	.0	.0	.0	.0	31.3	.0	.0
00: PEOPLE, COMMUNITIES, & INSTITUTIONS	1.0	.0	.0	.0	1.0	11.0	.0	.0
00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	4.1	.0	.0
00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	2.7	.0	.0	.0	2.7	3.6	.0	.0
00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	27.6	.0	.0	26.0	53.6	117.8	.0	.0

Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

ECB PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/S&S	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY C SCHOOLS
00: NATURAL RESOURCES	.0	.0	.0	.0	.0	11.6	.0	.0
00: FOREST RESOURCES	.0	.0	.0	7.0	7.0	1.8	.0	.0
00: CROPS (FIELD & HORTICULTURAL)	12.5	.0	.0	.0	12.5	18.7	.0	.0
00: ANIMALS	.0	.0	.0	.0	.0	21.5	.0	.0
00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	7.5	.0	.0
00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.9	.0	.0	.9	4.1	.0	.0
00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.2	.0	.0	.0	.2	11.7	.0	.0
00: UNCLASSIFIED	.0	.0	.0	.0	.0	4.9	.0	.0
TOTAL	12.7	.9	.0	7.0	20.6	81.8	.0	.0



TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FO S
RPG 1.00: NATURAL RESOURCES	.0	3.0	.0	.0	3.0	20.1	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	117.0	117.0	11.5	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.9	.0	.0	.0	14.9	42.3	.0	
RPG 4.00: ANIMALS	1.0	.0	.0	.0	1.0	28.3	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	23.7	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	10.3	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.8	.0	.0	.0	4.8	25.0	.0	
GRAND TOTAL	20.7	3.0	.0	117.0	140.7	161.2	.0	

TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
RESEARCH PROGRAM GROUP SUMMARY							
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	20.5	2.6	.0	1.1	24.2	22.0	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	29.9	29.9	4.7	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	40.7	.0	.0	.0	40.7	49.8	.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	16.5	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	14.1	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	7.4	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	10.1	.0
GRAND TOTAL	61.2	2.6	.0	31.0	94.8	124.5	.0

TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
RESEARCH PROGRAM GROUP SUMMARY							
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	47.5	.0	.0	.0	47.5	75.9	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	69.4	69.4	42.2	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	107.3	.0	.0	.0	107.3	107.0	.0
RPG 4.00: ANIMALS	30.2	.0	.0	.0	30.2	45.5	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	33.2	.0	.0	.0	33.2	70.7	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	18.0	3.9	.0	.0	21.9	10.7	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	21.4	.0	.0	.0	21.4	115.3	.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	1.0	.0
GRAND TOTAL	257.6	3.9	.0	69.4	330.9	548.3	.0

TABLE Y-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
RESEARCH PROGRAM GROUP SUMMARY							
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RPG 1.00: NATURAL RESOURCES	25.9	3.3	.0	.0	29.2	47.1	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	46.0	46.0	1.6	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	10.6	.0	.0	.0	10.6	46.6	.1
RPG 4.00: ANIMALS	7.8	.0	.0	.0	7.8	33.2	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	9.1	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	2.2	.0	.0	2.2	6.2	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	4.2	.0	.0	.0	4.2	16.7	.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	48.5	5.5	.0	46.0	100.0	160.4	.1

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)				
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FO S
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	9.2	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	11.0	11.0	2.9	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.0	.0	.0	.0	14.0	54.0	.0	
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	8.0	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	11.6	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.4	.0	.0	.0	.4	5.2	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.7	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	
GRAND TOTAL	14.4	.0	.0	11.0	25.4	95.1	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FO S
RPG 1.00: NATURAL RESOURCES	22.1	.0	.0	.0	22.1	9.2	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	23.0	23.0	2.2	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.9	.0	.0	.0	6.9	38.1	.0	
RPG 4.00: ANIMALS	5.0	.0	.0	.0	5.0	12.8	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	5.0	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	5.1	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	3.5	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0	
GRAND TOTAL	34.0	.0	.0	23.0	57.0	76.4	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			
RESEARCH PROGRAM GROUP SUMMARY								
	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FO S
RPG 1.00: NATURAL RESOURCES	7.2	.0	.0	.0	7.2	16.6	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	53.6	53.6	.2	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	12.4	.0	.0	.0	12.4	30.4	.0	
RPG 4.00: ANIMALS	5.4	.0	.0	.0	5.4	9.7	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	3.7	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	3.3	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0		.0	.0	1.5	.0	
GRAND TOTAL	25.0	.0	.0	53.6	78.6	65.3	.0	

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTR
RPG 1.00: NATURAL RESOURCES	.1	.0	.0	.0	.1	4.1	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	2.0	2.0	3.4	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	4.8	.0	.0	.0	4.8	8.9	.0
RPG 4.00: ANIMALS	.0	.0	.0	.0	.0	10.5	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	3.4	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	2.8	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	1.1	.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0
GRAND TOTAL	4.9	.0	.0	2.0	6.9	34.7	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)  
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTR
RPG 1.00: NATURAL RESOURCES	3.7	.0	.0	.0	3.7	8.0	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	3.0	3.0	5.0	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	9.0	.0	.0	.0	9.0	43.2	.0
RPG 4.00: ANIMALS	1.4	.0	.0	.0	1.4	11.0	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	5.2	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	5.2	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	2.4	.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	.0
GRAND TOTAL	14.0	.0	.0	3.0	17.0	80.9	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)  
RESEARCH PROGRAM GROUP SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTR
RPG 1.00: NATURAL RESOURCES	6.7	1.1	.0	.0	7.8	17.8	.0
RPG 2.00: FOREST RESOURCES	.0	.0	.0	80.1	80.1	3.8	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	19.2	.0	.0	.0	19.2	49.8	.0
RPG 4.00: ANIMALS	.4	1.2	.0	.0	1.6	23.8	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	13.4	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.8	.0	.0	.8	3.2	.0
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.4	.0	.0	.0	.4	22.5	.0
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	26.7	3.1	.0	80.1	109.9	134.3	.0

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	10.1	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	31.0	31.0	4.1	.2	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	14.6	.0	.0	.0	14.6	13.7	.0	
RPG 4.00: ANIMALS	6.6	.0	.0	.0	6.6	10.1	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.9	.0	.0	.0	.9	7.7	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	2.3	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.8	.0	.0	.0	.8	4.1	.0	
RPG 9.00: UNCLASSIFIED	.0	.0	.0	.0	.0	1.3	.0	
GRAND TOTAL	22.9	.0	.0	31.0	53.9	61.4	.2	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RPG 1.00: NATURAL RESOURCES	9.8	.0	.0	.0	9.8	12.1	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	14.7	14.7	10.3	.0	4
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	52.7	.0	.0	.0	52.7	62.0	.0	
RPG 4.00: ANIMALS	2.0	.0	.0	.0	2.0	18.3	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	3.1	.0	.0	.0	3.1	10.9	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	3.9	1.1	.0	.0	5.0	6.2	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	3.1	.0	.0	.0	3.1	7.7	.0	
GRAND TOTAL	74.6	1.1	.0	14.7	90.4	127.4	.0	4

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RPG 1.00: NATURAL RESOURCES	2.1	.0	.0	.0	2.1	6.6	.0	
RPG 2.00: FOREST RESOURCES	.0	.0	.0	5.5	5.5	3.8	.0	
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	6.7	.0	.0	.0	6.7	10.2	.0	
RPG 4.00: ANIMALS	.3	.0	.0	.0	.3	13.9	.0	
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	2.2	.0	
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	3.0	.0	
RPG 7.00: GENERAL RESOURCE OR TECHNOLOGY CLASSIFICATION ITEMS	.0	.0	.0	.0	.0	7.5	.0	
GRAND TOTAL	9.1	.0	.0	5.5	14.6	47.1	.0	

TABLE V-C STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM GROUP SUMMARY

	ARS	SRS	FCS/SRS	FS	OSDA TOTAL	SARS	OTH COOP INSTR
RPG 1.00: NATURAL RESOURCES	.0	.0	.0	.0	.0	.1	.0
RPG 3.00: CROPS (FIELD & HORTICULTURAL)	.0	.0	.0	.0	.0	1.7	.0
RPG 5.00: PEOPLE, COMMUNITIES, & INSTITUTIONS	.0	.0	.0	.0	.0	.0	.0
RPG 6.00: COMPETITION, TRADE, ADJUSTMENT, PRICE & INCOME POLICY	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.0	.0	.0	.0	.0	1.8	.0

## RESEARCH PROGRAM SUMMARY

	ABS	BRS	PCS/SBS	PS	USDA TOTAL	SARS	OTH COOP INSTR	PS
RP 1.01: SOIL & LAND USE	105.5	19.8	.0	.0	125.3	274.6	3.0	
RP 1.02: WATER & WATERSHEDS	173.7	8.5	.0	1.1	183.3	124.7	.0	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	26.9	.8	
RP 1.04: ENVIRONMENTAL QUALITY	164.5	20.3	.0	.0	184.8	272.2	17.9	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	4.0	.0	.0	.0	4.0	33.8	.4	
RP 1.06: FISH & WILDLIFE	.8	.0	.0	.0	.8	62.8	.8	
RP 1.07: REMOTE SENSING	5.0	.0	.0	.0	5.0	6.0	.0	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	57.6	57.6	22.4	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	219.3	219.3	107.3	.6	
RP 2.03: FOREST PROTECTION	6.3	.0	.0	239.6	245.9	87.8	.2	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	198.7	198.7	97.0	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	128.7	128.7	27.5	.0	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	65.7	65.7	24.6	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	19.4	19.4	21.0	.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	18.5	18.5	15.2	.0	
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	3.0	3.0	.5	.0	
RP 3.01: CORN	88.1	.3	.0	.0	88.4	162.3	.2	
RP 3.02: GRAIN SORGHUM	21.1	.2	.0	.0	21.3	50.0	.0	
RP 3.03: WHEAT	92.6	.3	.0	.0	92.9	129.1	.6	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	35.7	.2	.0	.0	35.9	71.0	5.9	
RP 3.05: RICE	17.3	.2	.0	.0	17.5	35.2	.0	
RP 3.06: SOYBEANS	95.2	.8	.0	.0	96.0	188.0	9.1	
RP 3.07: PEANUTS	26.2	.0	.0	.0	26.2	41.3	2.8	
RP 3.08: SUGAR	52.9	.0	.0	.0	52.9	53.8	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	153.1	.1	.0	.0	153.2	330.6	.3	
RP 3.10: COTTON	272.3	2.4	.0	.0	274.7	126.5	6.0	
RP 3.11: TOBACCO	49.5	.0	.0	.0	49.5	60.5	.2	
RP 3.12: NEW CROPS & MINOR OILSEEDS	56.1	.0	.0	.0	56.1	39.7	.0	
RP 3.13: FRUIT	182.5	.0	.0	.0	182.5	462.4	1.8	
RP 3.14: VEGETABLE CROPS	140.2	.0	.0	.0	140.2	485.2	9.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	45.9	.0	.0	.0	45.9	215.4	.4	
RP 3.16: BEES & OTHER POLLINATING INSECTS	32.1	.0	.0	.0	32.1	17.8	.0	
RP 4.01: DEEP	149.7	2.4	.0	.0	152.1	353.1	6.1	
RP 4.02: DAIRY	98.4	.0	.0	.0	98.4	282.6	2.0	
RP 4.03: POULTRY	71.0	.0	.0	.0	71.0	223.1	4.9	
RP 4.04: SHEEP	55.8	.0	.0	.0	55.8	74.7	1.1	

TABLE 7-B NATIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)  
RESEARCH PROGRAM SUMMARY

	ABS	SBS	FCS/SBS	FS	USDA TOTAL	SARS	OTH CO IWS
BP 4.05: SWINE	53.9	.0	.0	.0	53.9	137.6	5
BP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	15.8	.0	.0	.0	15.8	85.4	1
BP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.0	.1	66.6	2
BP 5.01: FOOD & NUTRITION	170.6	12.5	.0	.0	183.1	175.3	35
BP 5.02: FOOD SAFETY	134.9	.0	.0	.0	134.9	112.7	2
BP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	20.2	51.9	.0	.0	72.1	292.9	20
BP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	29.8	.0	.0	.0	29.8	41.6	
BP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	10.8	
BP 6.01: FARM ADJUSTMENT, PRICES & INCOME	8.2	74.7	.0	.0	82.9	128.2	5
BP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	37.6	80.7	.0	.0	118.3	32.7	
BP 6.03: MARKETING & COMPETITION	56.1	180.9	21.1	.0	258.1	171.6	1
BP 7.01: GENERAL RESOURCE OR TECHNOLOGY	274.2	.0	.0	.0	274.2	582.4	3
BP 9.01: UNCLASSIFIED	.0	1.0	.0	.0	1.0	111.0	
GRAND TOTAL	2997.0	957.1	21.1	951.5	4428.7	6555.6	153



TABLE Y-2 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTB COOP INSTS
RP 1.02: WATER & WATERSHEDS	6.1	.0	.0	.0	6.1	.0	.0
RP 2.03: FOREST PROTECTION	1.6	.0	.0	.0	1.6	.0	.0
RP 3.02: GRAIN SORGHUM	.7	.0	.0	.0	.7	.0	.0
RP 3.03: WHEAT	.7	.0	.0	.0	.7	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	.0	1.0	.0	.0
RP 3.05: RICE	.4	.0	.0	.0	.4	.0	.0
RP 3.06: SOYBEANS	.5	.0	.0	.0	.5	.0	.0
RP 3.07: PEANUTS	.4	.0	.0	.0	.4	.0	.0
RP 3.08: SUGAR	.5	.0	.0	.0	.5	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	2.6	.0	.0	.0	2.6	.0	.0
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	7.4	.0	.0	.0	7.4	.0	.0
RP 3.13: FRUIT	2.3	.0	.0	.0	2.3	.0	.0
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	.0	4.8	.0	.0
RP 4.01: BEEF	2.4	.0	.0	.0	2.4	.0	.0
RP 4.02: DAIRY	2.2	.0	.0	.0	2.2	.0	.0
RP 4.05: SWINE	.0	.0	.0	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.9	.0	.0	.0	.9	.0	.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	2.1	.0	.0	.0	2.1	.0	.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	6.8	.0	.0	.0	6.8	.0	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.8	.0	.0	.0	.8	.0	.0
GRAND TOTAL	44.0	.0	.0	.0	44.0	.0	.0

TABLE 7-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977						(PRIMARY)		BROADER	
RESEARCH PROGRAM SUMMARY								OTHER COOP	FORESTRY C
	ABS	BRS	PCS/SRS	PS	OSDA TOTAL	SAES	INSTS	SCHOOLS	
1.01: SOIL & LAND USE	16.7	14.6	.0	.0	31.3	34.0	.3	.0	
1.02: WATER & WATERSHEDS	17.3	9.1	.0	.0	21.5	6.2	.0	.0	
1.03: RECREATION	.0	.0	.0	.0	.0	8.2	.0	.0	
1.04: ENVIRONMENTAL QUALITY	59.7	10.4	.0	.0	70.1	61.4	.8	.0	
1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	2.6	.0	.0	
1.06: FISH & WILDLIFE	.1	.0	.0	.0	.1	13.9	.6	.0	
1.07: REMOTE SENSING	.9	.0	.0	.0	.9	.8	.0	.0	
2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	7.0	7.0	3.1	.0	.3	
2.02: TIMBER MANAGEMENT	.0	.0	.0	30.0	30.0	15.2	.0	3.2	
2.03: FOREST PROTECTION	2.7	.0	.0	20.5	25.2	20.1	.0	3.1	
2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	26.0	26.0	13.4	.0	9.3	
2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	10.4	10.4	5.9	.0	1.2	
2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	6.8	6.8	4.1	.0	2.8	
2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	8.6	8.6	4.5	.0	.7	
2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	6.5	.0	.5	
2.09: TECHNICAL ASSISTANCE	.0	.0	.0	3.0	3.0	.0	.0	.1	
3.01: CORN	5.0	.1	.0	.0	5.1	22.4	.0	.0	
3.02: GRAIN SORGHUM	.2	.0	.0	.0	.2	.1	.0	.0	
3.03: WHEAT	6.2	.1	.0	.0	6.3	2.2	.0	.0	
3.04: SMALL GRAINS OTHER THAN WHEAT	4.8	.1	.0	.0	4.8	2.1	.0	.0	
3.05: RICE	.6	.0	.0	.0	.6	.0	.0	.0	
3.06: SOYBEANS	13.7	.5	.0	.0	14.1	8.6	.8	.0	
3.07: PEANUTS	.0	.0	.0	.0	.0	.2	.0	.0	
3.08: SUGAR	3.0	.0	.0	.0	3.0	.0	.0	.0	
3.09: FORAGE, RANGE, & PASTURE	23.6	.0	.0	.0	23.6	25.0	.1	.0	
3.10: COTTON	3.0	1.4	.0	.0	4.4	.3	.0	.0	
3.11: TOBACCO	10.6	.0	.0	.0	10.6	7.5	.0	.0	
3.12: NEW CROPS & MINOR OILSEEDS	8.4	.0	.0	.0	8.4	1.4	.0	.0	
3.13: FRUIT	29.9	.0	.0	.0	29.9	94.3	.0	.0	
3.14: VEGETABLE CROPS	38.5	.0	.0	.0	38.5	89.2	.0	.0	
3.15: PLANTS TO ENHANCE THE ENVIRONMENT	25.5	.0	.0	.0	25.6	35.2	.0	.0	
3.16: BEES & OTHER POLLINATING INSECTS	6.7	.0	.0	.0	6.7	2.7	.0	.0	
4.01: SHEEP	67.9	.0	.0	.0	67.9	16.1	.0	.0	
4.02: DAIRY	60.7	.0	.0	.0	60.7	53.8	.1	.0	
4.03: POULTRY	20.1	.0	.0	.0	20.1	55.0	.2	.0	
4.04: SHEEP	11.9	.0	.0	.0	11.9	9.1	.0	.0	

TABLE 7-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
EP 4.05: SWINE	25.4	.0	.0	.0	25.4	8.5	.0
EP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.6	.0	.0	.0	4.6	31.6	.0
EP 4.07: AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.0	.1	12.1	.4
EP 5.01: FOOD & NUTRITION	130.4	12.5	.0	.0	142.9	37.0	.5
EP 5.02: FOOD SAFETY	45.7	.0	.0	.0	45.7	26.4	.1
EP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	5.8	44.5	.0	.0	50.3	63.0	1.7
EP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	4.4	.0	.0	.0	4.4	13.9	.0
EP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.7	59.5	.0	.0	63.2	16.8	.1
EP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.6	80.7	.0	.0	85.3	8.2	.0
EP 6.03: MARKETING & COMPETITION	26.8	145.2	19.7	.0	191.6	25.3	.0
EP 7.01: GENETICAL RESOURCE OR TECHNOLOGY	131.4	.0	.0	.0	131.4	83.9	.2
EP 9.01: UNCLASSIFIED	.0	1.0	.0	.0	1.0	8.9	.0
GRAND TOTAL	822.6	374.7	19.7	112.2	1329.2	960.5	5.8

TABLE 7-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)				REGIONAL
RESEARCH PROGRAM SUMMARY									SOUTHERN
		ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTR COOP INSTR	FORESTRY CS SCHOOLS
1.01: SOIL & LAND USE		24.6	1.0	.0	.0	25.6	75.9	2.8	.0
1.02: WATER & WATERSHEDS		58.4	1.0	.0	.0	59.4	30.7	.0	.0
1.03: RECREATION		.0	.0	.0	.0	.0	5.7	.8	.0
1.04: ENVIRONMENTAL QUALITY		32.5	1.7	.0	.0	34.2	74.5	17.1	.0
1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY		.4	.0	.0	.0	.4	2.6	.4	.0
1.06: FISH & WILDLIFE		.0	.0	.0	.0	.0	21.5	.2	.0
1.07: REMOTE SENSING		3.5	.0	.0	.0	3.5	2.1	.0	.0
2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES		.0	.0	.0	13.0	13.0	5.8	.0	.8
2.02: TIMBER MANAGEMENT		.0	.0	.0	78.0	78.0	44.8	.6	7.4
2.03: FOREST PROTECTION		.0	.0	.0	62.3	62.3	36.3	.0	3.9
2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS		.0	.0	.0	32.7	32.7	40.4	.0	1.2
2.05: FOREST WATERSHEDS, SOILS, POLLUTION		.0	.0	.0	25.1	25.1	6.7	.0	2.5
2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT		.0	.0	.0	10.8	10.8	10.7	.0	1.9
2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES		.0	.0	.0	1.0	1.0	3.7	.0	.8
2.08: ALTERNATE USES OF LAND		.0	.0	.0	.6	.6	4.1	.0	.8
2.09: TECHNICAL ASSISTANCE		.0	.0	.0	.0	.0	.4	.0	.0
3.01: CORN		21.4	.0	.0	.0	21.4	39.9	.2	.0
3.02: GRAIN SORGHUM		10.0	.0	.0	.0	10.0	21.3	.0	.0
3.03: WHEAT		8.5	.0	.0	.0	8.5	19.2	.6	.0
3.04: SMALL GRAINS OTHER THAN WHEAT		4.2	.0	.0	.0	4.2	15.9	5.9	.0
3.05: RICE		12.9	.0	.0	.0	12.9	28.1	.0	.0
3.06: SOYBEANS		25.4	.3	.0	.0	25.7	97.0	7.2	.0
3.07: PEANUTS		25.8	.0	.0	.0	25.8	40.6	2.8	.0
3.08: SUGAR		24.3	.0	.0	.0	24.3	35.3	.0	.0
3.09: FORAGE, RANGE, & PASTURE		41.1	.0	.0	.0	41.1	127.4	.3	.0
3.10: COTTON		233.9	1.0	.0	.0	234.8	85.7	6.0	.0
3.11: TOBACCO		38.9	.0	.0	.0	38.9	50.8	.2	.0
3.12: NEW CROPS & MINOR OILSEEDS		10.3	.0	.0	.0	10.3	9.1	.0	.0
3.13: FRUIT		77.6	.0	.0	.0	77.6	168.4	1.8	.0
3.14: VEGETABLE CROPS		36.9	.0	.0	.0	36.9	189.9	9.0	.0
3.15: PLANTS TO ENHANCE THE ENVIRONMENT		4.3	.0	.0	.0	4.3	91.5	.4	.0
3.16: BEES & OTHER POLLINATING INSECTS		6.2	.0	.0	.0	6.2	2.0	.0	.0
4.01: SWEE		35.5	.0	.0	.0	35.5	151.2	5.1	.0
4.02: DAIRY		13.2	.0	.0	.0	13.2	100.3	1.6	.0
4.03: POULTRY		23.8	.0	.0	.0	23.8	82.2	4.7	.1
4.04: SHEEP		3.9	.0	.0	.0	3.9	14.4	.2	.0

RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS
P 4.05: SWINE	8.8	.0	.0	.0	8.8	47.9	3.6	.0
P 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	3.3	.0	.0	.0	3.3	27.4	1.3	.0
P 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	41.6	2.1	.0
P 5.01: FOOD & NUTRITION	6.2	.0	.0	.0	6.2	35.4	23.2	.0
P 5.02: FOOD SAFETY	30.4	.0	.0	.0	30.4	24.3	2.0	.0
P 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	12.9	6.2	.0	.0	19.1	84.2	19.0	.0
P 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	21.2	.0	.0	.0	21.2	6.6	.0	.0
P 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	5.6	.0	.0
P 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.1	6.6	.0	.0	7.7	42.6	5.8	.0
P 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	7.0	.0	.0	.0	7.0	3.7	.0	.0
P 6.03: MARKETING & COMPETITION	18.7	20.8	.0	.0	39.5	68.5	1.8	.0
P 7.01: GENERAL RESOURCE OR TECHNOLOGY	51.7	.0	.0	.0	51.7	128.0	3.3	.0
P 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	59.2	.0	3.2
GRAND TOTAL	938.6	38.6	.0	223.4	1200.6	2311.2	129.7	22.3

TABLE 7-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	APS	BBS	FC5/SRS	FS	USDA TOTAL	SAES	OTR C IN
RP 1.01: SOIL & LAND USE	23.6	3.2	.0	.0	26.7	88.4	
RP 1.02: WATERS & WATERSHEDS	25.6	1.4	.0	.0	26.9	34.6	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	6.6	
RP 1.04: ENVIRONMENTAL QUALITY	37.8	4.3	.0	.0	42.1	63.9	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.6	.0	.0	.0	.6	42.0	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	15.5	
RP 1.07: BEETLE BREWING	.0	.0	.0	.0	.0	1.3	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	8.0	8.0	4.6	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	50.3	50.3	32.6	
RP 2.03: FOREST PROTECTION	.0	.0	.0	44.3	44.3	12.2	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	111.6	111.6	22.3	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	16.2	16.2	7.7	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	4.9	4.9	3.6	
RP 2.07: FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	3.0	3.0	7.1	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	7.3	7.3	3.2	
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	
RP 3.01: CORN	61.0	.2	.0	.0	61.2	90.2	
RP 3.02: GRAIN SORGHUM	10.2	.1	.0	.0	10.3	24.8	
RP 3.03: WHEAT	49.5	.2	.0	.0	49.7	65.3	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	20.0	.1	.0	.0	20.1	28.9	
RP 3.05: RICE	2.0	.1	.0	.0	2.1	3.2	
RP 3.06: SOYBEANS	55.0	.0	.0	.0	55.0	73.7	
RP 3.07: PEANUTS	.1	.0	.0	.0	.1	.0	
RP 3.08: SUGAR	4.0	.0	.0	.0	4.0	5.8	
RP 3.09: FORAGE, RANGE, & PASTURE	23.6	.1	.0	.0	23.7	72.1	
RP 3.10: COTTON	.0	.0	.0	.0	.0	4.6	
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	1.5	
RP 3.12: NEW CROPS & MINOR OILSEEDS	18.7	.0	.0	.0	18.7	14.5	
RP 3.13: FRUIT	8.1	.0	.0	.0	8.1	50.6	
RP 3.14: VEGETABLE CROPS	12.4	.0	.0	.0	12.4	78.4	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	10.7	.0	.0	.0	10.7	42.3	
RP 3.16: BEES & OTHER POLLINATING INSECTS	4.2	.0	.0	.0	4.2	4.7	
RP 4.01: BEEF	32.2	1.2	.0	.0	33.4	84.0	
RP 4.02: DAIRY	18.8	.0	.0	.0	18.8	96.3	
RP 4.03: POULTRY	20.7	.0	.0	.0	20.7	51.5	
RP 4.04: SHEEP	8.9	.0	.0	.0	8.9	21.7	

TABLE 7-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIVATE)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PC5/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS
RP 4.05: SWINE	19.5	.0	.0	.0	19.5	75.8	2.3
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.0	.0	.0	.0	2.0	17.1	.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	4.0	.0
RP 5.01: FOOD & NUTRITION	14.2	.0	.0	.0	14.2	48.0	11.6
RP 5.02: FOOD SAFETY	43.9	.0	.0	.0	43.9	28.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.1	1.2	.0	.0	1.3	94.1	.2
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	7.3	.0
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.7	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.4	5.2	.0	.0	8.6	46.5	.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.4	.0	.0	.0	1.4	15.7	.0
RP 6.03: MARKETING & COMPETITION	6.1	10.3	1.4	.0	17.8	44.4	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	60.6	.0	.0	.0	60.6	174.6	.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	38.2	.0
GRAND TOTAL	598.9	27.6	1.4	245.6	873.5	1726.3	17.3

TABLE 1-8 REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	APS	ERS	PCS/SRS	PS	OSOA TOTAL	SARS	OTH COOP INSTR
RP 1.01: SOIL & LAND USE	40.6	1.1	.0	.0	41.6	76.2	.0
RP 1.02: WATER & WATERSHEDS	66.3	2.1	.0	1.1	69.5	53.3	.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	6.4	.0
RP 1.04: ENVIRONMENTAL QUALITY	34.5	3.9	.0	.0	38.4	72.4	.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	2.9	.0	.0	.0	2.9	16.6	.0
RP 1.06: FISH & WILDLIFE	.7	.0	.0	.0	.7	12.0	.0
RP 1.07: REMOTE SENSING	.6	.0	.0	.0	.6	1.8	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	29.6	29.6	9.0	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	61.0	61.0	14.7	.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	112.6	112.6	19.2	.2
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	28.4	28.4	20.9	.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	77.0	77.0	7.1	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	43.2	43.2	6.2	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	6.8	6.8	5.7	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	10.6	10.6	1.4	.0
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.4	.0
RP 3.01: CORN	.7	.0	.0	.0	.7	9.8	.0
RP 3.02: GRAIN SOYBEAN	.0	.0	.0	.0	.0	3.7	.0
RP 3.03: WHEAT	27.7	.0	.0	.0	27.7	42.3	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	5.8	.0	.0	.0	5.8	24.1	.0
RP 3.05: RICE	1.5	.0	.0	.0	1.5	4.0	.0
RP 3.06: SORGHUM	.7	.0	.0	.0	.7	8.8	.1
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.5	.0
RP 3.08: SUGAR	21.2	.0	.0	.0	21.2	12.7	.0
RP 3.09: FORAGE, RANGE, & PASTURE	62.1	.0	.0	.0	62.1	106.0	.0
RP 3.10: COTTON	35.4	.0	.0	.0	35.4	35.9	.0
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.7	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	11.3	.0	.0	.0	11.3	14.8	.0
RP 3.13: FRUIT	64.6	.0	.0	.0	64.6	149.2	.0
RP 3.14: VEGETABLE CROPS	47.6	.0	.0	.0	47.6	127.7	.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	5.4	.0	.0	.0	5.4	46.4	.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	15.0	.0	.0	.0	15.0	8.5	.0
RP 4.01: BEEF	11.7	1.2	.0	.0	12.9	101.8	.0
RP 4.02: DAIRY	3.6	.0	.0	.0	3.6	32.1	.0
RP 4.03: POULTRY	6.4	.0	.0	.0	6.4	34.4	.0
RP 4.04: SHEEP	31.1	.0	.0	.0	31.1	29.4	.0



TABLE 7-B REGIONAL SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTR COOP INSTS	FORE SCH
RP 4.05: SWINE	.2	.0	.0	.0	.2	5.5	.0	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	5.9	.0	.0	.0	5.9	9.3	.0	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	8.9	.0	
RP 5.01: FOOD & NUTRITION	19.9	.0	.0	.0	19.9	54.9	.0	
RP 5.02: FOOD SAFETY	14.8	.0	.0	.0	14.8	34.1	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.5	.0	.0	.0	.5	51.6	.0	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	2.0	.0	.0	.0	2.0	13.8	.0	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.5	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	3.4	.0	.0	3.4	22.4	.0	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	17.8	.0	.0	.0	17.8	5.1	.0	
RP 6.03: MARKETING & COMPETITION	4.5	4.6	.0	.0	9.1	33.3	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	29.8	.0	.0	.0	29.8	195.9	.0	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	4.7	.0	
GRAND TOTAL	592.9	16.2	.0	370.3	979.4	1557.6	.3	12

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RP 3.06: SOYBEANS	.1	.0	.0	.0	.1	.0	.0
GRAND TOTAL	.1	.0	.0	.0	.1	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.1	.0	.0	.0	.1	.0	.0
RP 3.10: COTTON	.0	.0	.0	.0	.0	.0	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	.1	.0	.0	.0	.1	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.0	.0	.0	.0	1.0	.0	.0
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RP 5.04: INSECTS AFFECTING RAIN & RICE BELONGINGS	2.1	.0	.0	.0	2.1	.0	.0
GRAND TOTAL	2.1	.0	.0	.0	2.1	.0	.0

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RP 2.03: FOREST PROTECTION	.6	.0	.0	.0	.6	.0	.0	
RP 3.03: WHEAT	.3	.0	.0	.0	.3	.0	.0	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.3	.0	.0	.0	.3	.0	.0	
RP 7.01: GENERAL RESOURCES OR TECHNOLOGY	.8	.0	.0	.0	.8	.0	.0	
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	.0	

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	2.2	.0	.0	.0	2.2	.0	.0	
GRAND TOTAL	2.2	.0	.0	.0	2.2	.0	.0	

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RP 3.08: SUGAR	.5	.0	.0	.0	.5	.0	.0	
GRAND TOTAL	.5	.0	.0	.0	.5	.0	.0	

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RP 2.03: FOREST PROTECTION	1.0	.0	.0	.0	1.0	.0	.0	
GRAND TOTAL	1.0	.0	.0	.0	1.0	.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)			
RESEARCH PROGRAM SUMMARY							
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
RP 4.01: BEEP	.7	.0	.0	.0	.7	.0	
RP 4.02: DAIRY	.4	.0	.0	.0	.4	.0	
GRAND TOTAL	1.1	.0	.0	.0	1.1	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
RESEARCH PROGRAM SUMMARY							
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
RP 3.13: FRUIT	.3	.0	.0	.0	.3	.0	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.7	.0	.0	.0	1.7	.0	
GRAND TOTAL	2.0	.0	.0	.0	2.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
RESEARCH PROGRAM SUMMARY							
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.4	.0	.0	.0	.4	.0	
GRAND TOTAL	.4	.0	.0	.0	.4	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
RESEARCH PROGRAM SUMMARY							
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO INS
RP 3.02: GRAIN SORGHUM	.7	.0	.0	.0	.7	.0	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.0	.7	.0	
RP 3.12: NON CROPS & NIPON OILSEEDS	.9	.0	.0	.0	.9	.0	
GRAND TOTAL	2.3	.0	.0	.0	2.3	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RP 1.02: WATER & WATERSHEDS	6.1	.0	.0	.0	6.1	.0	.0	
GRAND TOTAL	6.1	.0	.0	.0	6.1	.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	.0	
RP 4.05: SWINE	.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	.0	.0	.0	.0	.0	.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RP 3.03: WHEAT	.4	.0	.0	.0	.4	.0	.0	
RP 3.05: RICE	.4	.0	.0	.0	.4	.0	.0	
RP 3.06: SOYBEANS	.4	.0	.0	.0	.4	.0	.0	
RP 3.07: PEANUTS	.4	.0	.0	.0	.4	.0	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	.4	.0	.0	.0	.4	.0	.0	
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.7	.0	.0	.0	1.7	.0	.0	
GRAND TOTAL	3.5	.0	.0	.0	3.5	.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RP 4.01: DHEP	1.7	.0	.0	.0	1.7	.0	.0	
RP 4.02: DAIRY	1.7	.0	.0	.0	1.7	.0	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.9	.0	.0	.0	.9	.0	.0	
GRAND TOTAL	4.3	.0	.0	.0	4.3	.0	.0	

TABLE 7-2 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SBS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORE SCH
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.8	.0	.0	.0	4.8	.0	.0	
RP 3.13: FRUIT	2.0	.0	.0	.0	2.0	.0	.0	
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	.0	4.8	.0	.0	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	3.7	.0	.0	.0	3.7	.0	.0	
GRAND TOTAL	15.3	.0	.0	.0	15.3	.0	.0	

TABLE F-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977						(PRIMARY)				
RESEARCH PROGRAM SUMMARY										
		ARS	BBS	PCS/SBS	PS	USDA TOTAL	NRG	CONN HAYDEN	CONN STOBBS	FOR SC
RP 1.01:	SOIL & LAND USE	.0	.0	.0	.0	.0		.2	.8	
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0		.8	.3	
RP 1.03:	RECREATION	.0	.0	.0	.0	.0		.0	.8	
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0		6.3	2.0	
RP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0		.0	.2	
RP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0		.0	.0	
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.0		.4	.3	
RP 2.03:	FOREST PROTECTION	.0	.0	.0	16.8	16.8		5.7	.0	
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0		.0	.2	
RP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0		.0	.0	.0		.5	.8	
RP 2.07:	FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	1.2	1.2		.0	.0	
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0		.0	.1	
RP 3.01:	CORN	.0	.0	.0	.0	.0		1.7	.4	
RP 3.06:	SOYBEANS	.0	.0	.0	.0	.0		2.2	.0	
RP 3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0		.0	.1	
RP 3.11:	TOBACCO	.0	.0	.0	.0	.0		4.3	.0	
RP 3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0		.1	.0	
RP 3.13:	FRUIT	.0	.0	.0	.0	.0		4.0	.0	
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0		5.8	1.0	
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0		1.9	1.0	
RP 3.16:	BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0		.0	.1	
RP 4.01:	BEEF	.0	.0	.0	.0	.0		.0	.7	
RP 4.02:	DAIRY	.0	.0	.0	.0	.0		.0	.8	
RP 4.03:	POULTRY	.0	.0	.0	.0	.0		.0	5.6	
RP 4.04:	SHEEP	.0	.0	.0	.0	.0		.0	.6	
RP 4.05:	SWINE	.0	.0	.0	.0	.0		.0	.4	
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0		.7	5.8	
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0		.0	.2	
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0		.4	1.1	
RP 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0		.0	.1	
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0		.0	2.5	
RP 5.04:	INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0		1.3	.0	
RP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0		.0	.5	
RP 6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	.0		.0	1.6	
RP 7.01:	GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0		2.7	.4	
RP 9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0		.0	5.3	
GRAND TOTAL		.0	.0	.0	18.0	18.0		39.1	33.1	

TABLE T-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ABS	BBS	PCS/SBS	PS	USDA TOTAL	SARS	OTH COOP INSTR
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	.6	.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.8	.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.6	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.0	.4
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.8
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.1	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.8	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	1.4	.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	1.9	.0
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.0	.1
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	3.8	.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.3	.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.6	.0
RP 4.01: BEEF	.0	.0	.0	.0	.0	.1	.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.6	.1
RP 4.03: POULTRY	2.4	.0	.0	.0	2.4	2.2	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.1
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	.6	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.8	.7
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.8	.0
RP 6.01: PAIN ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.3	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.1	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	5.0	.0	.0	.0	5.0	.1	.1
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0
GRAND TOTAL	7.4	.0	.0	.0	7.4	22.4	2.1



RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/S&S	FS	USDA TOTAL	S&ES	OTH COOP INSTS	FOBI SC
1.01: SOIL & LAND USE	.0	12.8	.0	.0	12.8	.0	.0	
1.02: WATER & WATERSHEDS	.0	3.9	.0	.0	3.9	.0	.0	
1.03: RECREATION	.0	.0	.0	.0	.0	.3	.0	
1.04: ENVIRONMENTAL QUALITY	.0	9.0	.0	.0	9.0	.0	.0	
3.01: CORN	.0	.1	.0	.0	.1	.0	.0	
3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0	.0	
3.03: WHEAT	.0	.1	.0	.0	.1	.0	.0	
3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.1	.0	.0	.1	.0	.0	
3.05: RICE	.0	.0	.0	.0	.0	.0	.0	
3.06: SOYBEANS	.0	.5	.0	.0	.5	.0	.0	
3.10: COTTON	.0	1.4	.0	.0	1.4	.0	.0	
3.15: PLANTS TO ENHANCE THE ENVIRONMENT	8.8	.0	.0	.0	8.8	.0	.0	
4.01: BEEF	.0	.0	.0	.0	.0	.0	.0	
4.03: POULTRY	.0	.0	.0	.0	.0	.0	.0	
4.04: SHEEP	.0	.0	.0	.0	.0	.0	.0	
5.01: FOOD & NUTRITION	.0	11.5	.0	.0	11.5	.2	.0	
5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	43.6	.0	.0	43.6	.0	.0	
6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	59.1	.0	.0	59.1	.0	.0	
6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	80.7	.0	.0	80.7	.0	.0	
6.03: MARKETING & COMPETITION	.0	141.9	19.7	.0	161.6	.2	.0	
NO TOTAL	8.8	364.7	19.7	.0	393.2	.6	.0	

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		
RESEARCH PROGRAM SUMMARY								
	ARS	ERS	PC5/SRS	FS	USDA TOTAL	SAKS	OTH COOP INSTS	
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	3.0	.0	
RP 1.02: WATER & WATERSHEDS	2.1	.0	.0	.0	2.3	.0	.0	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	1.0	.0	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.3	.0	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.4	.0	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	2.5	.0	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.1	.0	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.3	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	4.3	4.3	3.6	.0	
RP 2.03: FOREST PROTECTION	.0	.0	.0	1.7	1.7	4.1	.0	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	6.0	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.0	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.7	.7	.3	.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	2.5	.0	
RP 3.01: CORN	.0	.0	.0	.0	.0	.4	.0	
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	.3	.0	.0	.0	.3	1.0	.0	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	.0	
RP 3.13: FRUIT	.2	.0	.0	.0	.2	6.2	.0	
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	.0	4.8	7.2	.0	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.3	.0	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.1	.0	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.6	.0	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	.0	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.4	.0	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.1	.0	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	1.1	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.6	.0	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.2	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.1	.0	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.7	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.5	.0	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	
GRAND TOTAL	7.5	.0	.0	6.6	14.1	63.1	.0	

FILE	Y-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		
SEARCH PROGRAM SUMMARY									
		ARS	BRS	PCS/SRS	FS	USDA TOTAL	SABS	OTR COOP INSTS	FORESTRY SCHOOLS
1.01:	SOIL & LAND USE	2.4	.0	.0	.0	2.4	2.0	.3	.0
1.02:	WATER & WATERSHEDS	8.0	.0	.0	.0	8.0	.5	.0	.0
1.03:	RECREATION	.0	.0	.0	.0	.0	.1	.0	.0
1.04:	ENVIRONMENTAL QUALITY	31.8	.0	.0	.0	31.8	4.0	.4	.0
1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	.6	.0	.0
1.07:	REMOTE SENSING	.9	.0	.0	.0	.9	.0	.0	.0
2.02:	TIEBBER MANAGEMENT	.0	.0	.0	4.0	4.0	.5	.0	.0
2.03:	FOREST PROTECTION	2.3	.0	.0	.0	2.3	.6	.0	.0
2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.0	.0	.0
2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.1	.0	.0
2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	.0
3.01:	CORN	5.0	.0	.0	.0	5.0	2.5	.0	.0
3.02:	GRAIN SORGHUM	.2	.0	.0	.0	.2	.0	.0	.0
3.03:	WHEAT	6.2	.0	.0	.0	6.2	.8	.0	.0
3.04:	SMALL GRAINS OTHER THAN WHEAT	2.1	.0	.0	.0	2.1	.4	.0	.0
3.05:	RICE	.6	.0	.0	.0	.6	.0	.0	.0
3.06:	SOYBEANS	11.6	.0	.0	.0	11.6	2.7	.8	.0
3.08:	SUGAR	3.0	.0	.0	.0	3.0	.0	.0	.0
3.09:	FORAGE, RANGE, & PASTURE	8.5	.0	.0	.0	8.5	2.4	.0	.0
3.10:	COTTON	3.0	.0	.0	.0	3.0	.2	.0	.0
3.11:	TOBACCO	9.8	.0	.0	.0	9.8	2.9	.0	.0
3.12:	NEW CROPS & MINOR OILSEEDS	7.3	.0	.0	.0	7.3	.2	.0	.0
3.13:	FRUIT	20.4	.0	.0	.0	20.4	3.4	.0	.0
3.14:	VEGETABLE CROPS	26.1	.0	.0	.0	26.1	6.2	.0	.0
3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	16.1	.0	.0	.0	16.1	2.1	.0	.0
3.16:	BEES & OTHER POLLINATING INSECTS	4.0	.0	.0	.0	4.0	.3	.0	.0
4.01:	BEEF	16.2	.0	.0	.0	16.2	3.1	.0	.0
4.02:	DAIRY	34.8	.0	.0	.0	34.8	6.2	.0	.0
4.03:	POULTRY	16.2	.0	.0	.0	16.2	8.0	.2	.0
4.04:	SHEEP	7.9	.0	.0	.0	7.9	.2	.0	.0
4.05:	SWINE	14.0	.0	.0	.0	14.0	.7	.0	.0
4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	4.0	.0	.0	.0	4.0	2.9	.0	.0
4.07:	AQUATIC FOOD & FEEDSTUFFS	.1	.0	.0	.0	.1	1.6	.2	.0
5.01:	FOOD & NUTRITION	83.0	.0	.0	.0	83.0	.6	.5	.0
5.02:	FOOD SAFETY	13.4	.0	.0	.0	13.4	1.5	.1	.0
5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	5.8	.0	.0	.0	5.8	3.4	1.0	.0

TABLE T-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COO INST
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	4.4	.0	.0	.0	4.4	1.2	.
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	3.7	.0	.0	.0	3.7	1.0	.
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	4.6	.0	.0	.0	4.6	.7	.
RP 6.03: MARKETING & COMPETITION	26.8	.0	.0	.0	26.8	2.7	.
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	119.2	.0	.0	.0	119.2	4.3	.
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.
GRAND TOTAL	523.4	.0	.0	4.0	527.4	72.6	3.

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977						(PRIMARY)			
RESEARCH PROGRAM SUMMARY									
	ARS	ERS	PCS/SBS	FS	USDA TOTAL	SBS	OTH COOP INSTS	FOREST SCHO	
BP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	1.9	.0		
BP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.0		
BP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.7	.0		
BP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.1	.0		
BP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.5	.0		
BP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.8	.0		
BP 2.03: FOREST PROTECTION	2.4	.0	.0	.0	2.4	1.0	.0		
BP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.1	.0		
BP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.4	.0		
BP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.4	2.4	.0	.0		
BP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	3.6	3.6	.6	.0		
BP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.1	.0		
BP 3.01: CORN	.0	.0	.0	.0	.0	1.2	.0		
BP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	1.3	.0		
BP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0		
BP 3.13: FRUIT	.3	.0	.0	.0	.3	6.5	.0		
BP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	3.0	.0		
BP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	1.1	.0		
BP 4.01: BEEF	.0	.0	.0	.0	.0	.1	.0		
BP 4.02: DAIRY	.0	.0	.0	.0	.0	.6	.0		
BP 4.03: POULTRY	.0	.0	.0	.0	.0	2.0	.0		
BP 4.04: SHEEP	.0	.0	.0	.0	.0	.0	.0		
BP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.0	.0		
BP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.5	.0		
BP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.0	.0		
BP 5.02: FOOD SAFETY	.1	.0	.0	.0	.1	1.9	.0		
BP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	1.8	.0		
BP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.7	.0		
BP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	.8	.0		
BP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.6	.0		
GRAND TOTAL	3.1	.0	.0	6.0	9.1	37.4	.0		

TABLE F-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ARS	PCS/ARS	PS	USDA TOTAL	SARS	OTH COOP INSTS	P
RP 1.01: SOIL & LAND USE	.0	1.0	.0	.0	1.0	2.3	.0	
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.0	.0	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.4	.0	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.5	.0	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.1	.0	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.2	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	7.6	7.6	2.6	.0	
RP 2.03: FOREST PROTECTION	.0	.0	.0	2.0	2.0	.9	.0	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.8	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	4.0	4.0	.5	.0	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.7	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	2.0	2.0	.0	.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.7	.0	
RP 3.01: CORN	.0	.0	.0	.0	.0	1.0	.0	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.3	.0	
RP 3.09: FORAGE, RANCH, & PASTURES	.0	.0	.0	.0	.0	1.2	.0	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.6	.0	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	2.0	.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.4	.0	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	1.9	.0	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.2	.0	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.3	.0	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	.6	.0	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.6	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.9	.0	.0	.9	1.1	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.4	.0	.0	.4	.1	.0	
RP 6.03: MARKETING & COMPETITION	.0	.4	.0	.0	.4	.7	.0	
RP 7.01: GENERAL RESEARCH OR TECHNOLOGY	.0	.0	.0	.0	.0	2.1	.0	
GRAND TOTAL	.0	2.7	.0	15.6	18.3	27.9	.0	

## RESEARCH PROGRAM SUMMARY

	ARS	BRS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOR SC
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	7.3	.0	
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.9	.0	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.4	.0	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	10.0	.0	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	1.5	.0	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	1.1	1.1	.5	.0	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	3.6	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.4	3.4	.4	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.5	.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	1.6	.0	
RP 3.01: CORN	.0	.0	.0	.0	.0	.3	.0	
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.1	.0	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.3	.0	
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.2	.0	
RP 3.09: FORAGE, RANGELAND, & PASTURE	.0	.0	.0	.0	.0	2.4	.0	
RP 3.10: COTTON	.0	.0	.0	.0	.0	.1	.0	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.4	.0	
RP 3.13: PROIT	3.3	.0	.0	.0	3.3	10.3	.0	
RP 3.14: VEGETABLE CROPS	.7	.0	.0	.0	.7	9.7	.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.7	.0	
RP 4.01: BEEF	.0	.0	.0	.0	.0	.5	.0	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	2.4	.0	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.7	.0	
RP 4.05: SWINE	.0	.0	.0	.0	.0	.5	.0	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.1	.0	
RP 5.01: FOOD & NUTRITION	.0	1.0	.0	.0	1.0	6.0	.0	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	12.0	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.7	.0	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	5.1	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.2	.0	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.8	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	8.5	.0	

TABLE V-8 STATE ROOSTERY OF SCIENTIST-YEARS FOR FY 1977 (PRIMARY)

RESEARCH PROGRAM SUMMARY

	ARS	RPS	PCS/SES	FS	USDA TOTAL	SAES
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	2.3
GRAND TOTAL	4.0	1.0	.0	4.5	9.5	108.9



TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)			
RESEARCH PROGRAM SUMMARY		ARS	BRS	FCS/SBS	FS	OSDA TOTAL	NEW YORK ITHACA	NEW YORK GENEVA	FOREST SCHOOL
P 1.01:	SOIL & LAND USE	5.2	.0	.0	.8	5.2	5.7	.2	
P 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.2	.1	
P 1.03:	RECREATION	.0	.0	.0	.0	.0	1.2	.0	
P 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	13.5	1.0	
P 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.8	.4	
P 1.06:	FISH & WILDLIFE	.1	.0	.0	.0	.1	3.0	.0	
P 1.07:	REMOTE SENSING	.0	.0	.0	.0	.0	.1	.0	
P 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	
P 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.0	1.4	.0	1.
P 2.03:	FOREST PROTECTION	.0	.0	.0	.0	.0	.1	.0	3.
P 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.2	.0	9.
P 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.1	.0	1.
P 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.5	.0	2.
P 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.8	1.8	1.3	.0	
P 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.2	.0	
P 2.09:	TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	
P 3.01:	CORN	.0	.0	.0	.0	.0	6.0	.0	
P 3.03:	WHEAT	.0	.0	.0	.0	.0	.8	.8	
P 3.04:	SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	.0	1.0	.6	.1	
P 3.05:	RICE	.0	.0	.0	.0	.0	.0	.0	
P 3.06:	SOYBEANS	2.1	.0	.0	.0	2.1	1.1	.1	
P 3.09:	FORAGE, RANGES, & PASTURE	4.3	.0	.0	.0	4.3	6.1	.3	
P 3.10:	COTTON	.0	.0	.0	.0	.0	.0	.0	
P 3.11:	TOBACCO	.8	.0	.0	.0	.8	.0	.0	
P 3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.5	
P 3.13:	FRUIT	.3	.0	.0	.0	.3	7.3	36.1	
P 3.14:	VEGETABLE CROPS	2.0	.0	.0	.0	2.0	16.5	20.2	
P 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	5.2	1.2	
P 3.16:	BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	1.3	.0	
P 4.01:	BEEF	15.1	.0	.0	.0	15.1	5.0	.8	
P 4.02:	DAIRY	10.3	.0	.0	.0	10.3	24.1	.0	
P 4.03:	POULTRY	1.5	.0	.0	.0	1.5	11.3	.0	
P 4.04:	SHEEP	3.2	.0	.0	.0	3.2	4.8	.0	
P 4.05:	SWINE	7.4	.0	.0	.0	7.4	4.2	.0	
P 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.6	.0	.0	.0	.6	16.8	.0	
P 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.3	.5	

TABLE V-5 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
 RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SBS	FS	USDA TOTAL	NEW YORK ITHAC
EP 5.01: FOOD & NUTRITION	1.1	.0	.0	.0	1.1	11.
EP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	3.
EP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	28.
EP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	3.
EP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	6.
EP 6.02: FOREIGN AGRICULTURAL TRADES & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	2.
EP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.
EP 7.01: GENERAL RESOURCE ON TECHNOLOGY	3.6	.0	.0	.0	3.6	42.
EP 9.01: UNCLASSIFIED	.0	1.0	.0	.0	1.0	.
GRAND TOTAL	58.9	1.0	.0	1.8	61.7	244.

	ARS	SRS	PCS/SRS	FS	USDA TOTAL	SARS	OTB
RP 1.01: SOIL & LAND USE	1.7	.8	.0	.0	2.5	4.6	
RP 1.02: WATER & WATERSHEDS	7.1	.2	.0	.0	7.3	.1	
RP 1.04: ENVIRONMENTAL QUALITY	27.9	1.4	.0	.0	29.3	6.7	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	2.2	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.5	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	7.0	7.0	.3	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0	2.4	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.4	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	3.0	3.0	1.9	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.7	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.0	1.0	.9	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.3	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	
RP 3.01: CORN	.0	.0	.0	.0	.0	6.8	
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.3	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.7	.0	.0	.0	1.7	.9	
RP 3.09: FORAGE, RANGES, & PASTURE	10.5	.0	.0	.0	10.5	7.2	
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.4	
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.1	.0	.0	.0	1.1	.0	
RP 3.13: FRUIT	5.5	.0	.0	.0	5.5	12.0	
RP 3.14: VEGETABLE CROPS	4.9	.0	.0	.0	4.9	10.9	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.0	
RP 3.16: BEES & OTHER POLLINATING INSECTS	2.7	.0	.0	.0	2.7	.5	
RP 4.01: BEEF	36.6	.0	.0	.0	36.6	4.3	
RP 4.02: DAIRY	15.6	.0	.0	.0	15.6	7.6	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	9.1	
RP 4.04: SHEEP	.7	.0	.0	.0	.7	1.2	
RP 4.05: SWINE	4.0	.0	.0	.0	4.0	2.7	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.5	
RP 5.01: FOOD & NUTRITION	46.2	.0	.0	.0	46.2	3.0	
RP 5.02: FOOD SAFETY	32.2	.0	.0	.0	32.2	1.7	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	12.6	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	4.0	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	5.2	
RP 6.03: MARKETING & COMPETITION	.0	2.9	.0	.0	2.9	4.6	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	BRS	PCS/SBS	PS	USDA TOTAL	SARS	OTH CO INS
EP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.6	.0	.0	.0	3.6	11.6	
EP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	202.0	5.3	.0	16.0	223.3	137.1	

TABLE 7-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)			
RESEARCH PROGRAM SUMMARY								
	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOOLS
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	1.7	.0	.
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.1	.0	.
RP 1.03: RECREATION	.0	.0	.0	.0	.0	1.1	.0	.
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	5.5	.0	.
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	2.7	.0	.
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.4	.0	.
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.0	.
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.4	.0	.
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.2	.0	.
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.5	.0	.
RP 3.13: FRUIT	.0	.0	.0	.0	.0	1.1	.0	.
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.7	.0	.
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	9.0	.0	.
RP 4.02: DAIRY	.0	.0	.0	.0	.0	.5	.0	.
RP 4.03: POULTRY	.0	.0	.0	.0	.0	2.6	.0	.
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	.0	.
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	4.6	.0	.
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.4	.0	.
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.1	.0	.
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	.9	.0	.
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.4	.0	.
GRAND TOTAL	.0	.0	.0	.0	.0	38.3	.0	.

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	BRS	PCS/SBS	PS	OSDA TOTAL	SARS	OTB CO INS
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	2.0	
RP 1.02: WATER & WATER RESOURCES	.0	.0	.0	.0	.0	.2	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.9	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.7	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.1	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0	.6	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.7	
RP 2.04: DISTRICTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.1	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTB LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	3.0	3.0	.0	
RP 3.01: COWS	.0	.0	.0	.0	.0	.2	
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	1.3	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	2.8	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.5	
RP 4.01: BEEF	.0	.0	.0	.0	.0	.1	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	3.2	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	1.4	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	.1	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.1	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.9	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.2	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	1.5	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.4	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.1	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	3.9	
GRAND TOTAL	.0	.0	.0	8.0	8.0	27.8	

TABLE	V-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)				RESEARCH PROGRAM SUMMARY
		ARS	EBS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INVTS	FOREST SCHOOLS	
1.01:	SOIL & LAND USE	7.5	.0	.0	.0	7.5	1.9	.0	.0	
1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	.3	.0	.0	
1.03:	RECREATION	.0	.0	.0	.0	.0	1.1	.0	.0	
1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	2.4	.0	.0	
1.05:	WEATHER MODIFICATION FOR AGRICULTURE & POULTRY	.0	.0	.0	.0	.0	.2	.0	.0	
1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	1.2	.0	.0	
2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.8	.0	.0	
2.02:	TIMBER MANAGEMENT	.0	.0	.0	3.0	3.0	1.0	.0	.0	
2.03:	FOREST PROTECTION	.0	.0	.0	.0	.0	1.0	.0	.0	
2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	23.0	23.0	1.3	.0	.0	
2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.0	3.0	.0	.0	.0	
2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.7	2.7	.6	.0	.0	
2.07:	FOREST RECREATION & AESTHETICS & CTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7	.0	.0	
2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.4	.0	.0	
3.01:	CORN	.0	.0	.0	.0	.0	.7	.0	.0	
3.03:	WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	
3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.1	.0	.0	
3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	1.0	.0	.0	
3.13:	FRUIT	.0	.0	.0	.0	.0	3.6	.0	.0	
3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	2.5	.0	.0	
3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.9	.0	.0	
4.01:	BEEF	.0	.0	.0	.0	.0	2.5	.0	.0	
4.02:	DAIRY	.0	.0	.0	.0	.0	.8	.0	.0	
4.03:	POULTRY	.0	.0	.0	.0	.0	2.9	.0	.0	
4.04:	SHEEP	.0	.0	.0	.0	.0	1.7	.0	.0	
4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.5	.0	.0	
5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	1.7	.0	.0	
6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.0	.0	.0	
6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.2	.0	.0	
7.01:	GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.8	.0	.0	
AND TOTAL		7.5	.0	.0	31.7	39.2	38.5	.0	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	ALABAMA TUSKEGEE
RP 1.01: SOIL & LAND USE	8.0	.0	.0	.0	8.0	3.9	.
RP 1.02: WATER & WATER RESOURCES	.8	.0	.0	.0	.8	.4	.
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.7	.
RP 1.04: ENVIRONMENTAL QUALITY	.5	.0	.0	.0	.5	4.9	.
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	5.1	.
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	2.4	.
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	1.7	1.7	3.3	.
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	4.0	.
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	2.6	2.6	1.9	.
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.3	.
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	.
RP 2.09: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.1	.
RP 3.01: CORN	.1	.0	.0	.0	.1	1.6	.
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.4	.
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.5	.
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.0	.1	.6	.
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	8.9	.
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	5.8	.
RP 3.09: FORAGE, RANGE, & PASTURE	.1	.0	.0	.0	.1	9.3	.
RP 3.10: COTTON	2.2	.0	.0	.0	2.2	4.3	.
RP 3.13: PREDIT	.0	.0	.0	.0	.0	5.8	.
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	7.5	1.
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.4	.
RP 4.01: BEEF	1.9	.0	.0	.0	1.9	14.2	.
RP 4.02: DAIRY	1.4	.0	.0	.0	1.4	5.9	.
RP 4.03: POULTRY	.0	.0	.0	.0	.0	6.6	1.
RP 4.04: SHEEP	.1	.0	.0	.0	.1	.0	.
RP 4.05: SWINE	.0	.0	.0	.0	.0	5.2	2.
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.2	.
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	16.4	.
RP 5.01: FOOD & NUTRITION	.8	.0	.0	.0	.8	1.1	1.
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	1.3	.
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.7	.
*** RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	.
JUSTEMENT, PRICES & INCOME	1.1	.0	.0	.0	1.1	1.9	.



TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	IRS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	ALABAMA TUSKEGEE	ALABAMA MONTGOMERY
EP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.8	.0	.
EP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.7	.0	.0	.0	3.7	8.5	1.4	.
EP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	9.6	.0	.
GRAND TOTAL	20.6	.0	.0	4.3	24.9	155.6	9.6	6.

TABLE Y-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FC	USDA TOTAL	SARS	OTH COOP INSTR
RP 1.01: SOIL & LAND USE	.0	1.0	.0	.0	1.0	4.7	.3
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.7	.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	4.7	.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	1.8	1.8	1.0	.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	3.8	.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.3	.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	1.2	1.2	.4	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.5	.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	.7	.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.7	.0
RP 3.03: WHEAT	.0	.0	.0	.0	.0	1.2	.6
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.2	.0
RP 3.05: RICE	2.0	.0	.0	.0	2.0	4.9	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	10.4	1.9
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	2.4	.0
RP 3.10: COTTON	.0	.0	.0	.0	.0	8.2	.8
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.2	.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	7.0	.4
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.0	.0
RP 4.01: BEEF	.0	.0	.0	.0	.0	4.0	.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.5	.0
RP 4.03: POULTRY	.0	.0	.0	.0	.0	6.4	1.0
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.3	.0
RP 4.05: SWINE	.0	.0	.0	.0	.0	1.6	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.0	.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.2	.9
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.1	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.0	2.4
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.0	.0

TABLE V-5 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

RESEARCH PROGRAM SUMMARY

	ARS	BRS	PCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FOREST SCHO
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.9	.0	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.2	.0	
RP 6.03: MARKETING & COMPETITION	.0	1.1	.0	.0	1.1	4.3	.1	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	4.3	.0	
GRAND TOTAL	2.0	2.1	.0	3.0	7.1	97.0	8.3	

TABLE 1-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RP 1.01: SOIL & LAND USE	.9	.0	.0	.0	.9	19.3	1.4
RP 1.02: WATER & WATERSHEDS	3.2	.0	.0	.0	3.2	8.8	.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.2	.0
RP 1.04: ENVIRONMENTAL QUALITY	3.2	.0	.0	.0	3.2	18.1	5.1
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	3.1	.1
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	9.7	9.7	4.0	.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	1.9	1.9	4.2	.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.3	.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.8	.8	1.6	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.6	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.6	.6	1.1	.0
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.4	.0
RP 3.01: CORN	2.2	.0	.0	.0	2.2	5.7	.0
RP 3.02: GRAIN SORGHUM	.6	.0	.0	.0	.6	1.0	.0
RP 3.03: WHEAT	1.2	.0	.0	.0	1.2	.6	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.0	.7	1.3	.0
RP 3.05: RICE	.4	.0	.0	.0	.4	.0	.0
RP 3.06: SOYBEANS	1.5	.0	.0	.0	1.5	8.4	.0
RP 3.07: PEANUTS	.5	.0	.0	.0	.5	6.6	2.0
RP 3.08: SUGAR	5.3	.0	.0	.0	5.3	1.8	.0
RP 3.09: FORAGE, RANGE, & PASTURE	1.5	.0	.0	.0	1.5	25.2	.0
RP 3.10: COTTON	.0	.0	.0	.0	.0	.2	.0
RP 3.11: TOBACCO	.4	.0	.0	.0	.4	2.6	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.5	.0
RP 3.13: FRUIT	41.6	.0	.0	.0	41.6	61.1	.0
RP 3.14: VEGETABLE CROPS	3.1	.0	.0	.0	3.1	50.3	.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.9	.0	.0	.0	1.9	29.1	.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	1.2	.0
RP 4.01: SHEEP	1.1	.0	.0	.0	1.1	20.5	.5
RP 4.02: DAIRY	.7	.0	.0	.0	.7	10.1	.0
RP 4.03: POULTRY	.1	.0	.0	.0	.1	6.5	.0
RP 4.04: SHEEP	.2	.0	.0	.0	.2	1.4	.0
RP 4.05: SWINE	.0	.0	.0	.0	.0	4.1	.0

## RESEARCH PROGRAM SUMMARY

FLO

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP ISTS	FORESTRY SCHOOLS
P 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	5.8	.0	.0
P 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.1	.7	.0
P 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.3	2.8	.0
P 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	4.7	.0	.0
P 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	8.7	.8	.0
P 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	17.9	.0	.0	.0	17.9	.0	.0	.0
P 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	7.5	.0	.0
P 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	2.7	.0	.0	.0	2.7	.5	.0	.0
P 6.03: MARKETING & COMPETITION	5.3	2.0	.0	.0	7.3	7.4	.0	.0
P 7.01: GENERAL RESOURCES OR TECHNOLOGY	18.4	.0	.0	.0	18.4	24.2	.0	.0
P 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	114.5	2.0	.0	15.0	131.5	368.4	13.5	.0

TABLE 1-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SBS	PS	USDA TOTAL	SARS	OTS (I)
RP 1.01: SOIL & LAND USE	2.8	.0	.0	.0	2.8	6.0	
RP 1.02: WATER & WATERSHEDS	8.3	.0	.0	.0	8.3	1.3	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	
RP 1.04: ENVIRONMENTAL QUALITY	8.7	1.0	.0	.0	9.7	4.5	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	2.0	2.0	8.4	
RP 2.03: FOREST PROTECTION	.0	.0	.0	26.8	26.8	4.8	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	16.0	16.0	7.7	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.3	3.3	1.2	
RP 2.06: FOREST BIRDS WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.6	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.3	
RP 3.01: CORN	9.5	.0	.0	.0	9.5	3.9	
RP 3.02: GRAIN SORGHUM	2.2	.0	.0	.0	2.2	2.2	
RP 3.03: WHEAT	3.3	.0	.0	.0	3.3	1.1	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0	.4	2.7	
RP 3.05: RICE	.9	.0	.0	.0	.9	.0	
RP 3.06: SOYBEANS	2.8	.0	.0	.0	2.8	8.6	
RP 3.07: PEANUTS	9.9	.0	.0	.0	9.9	8.7	
RP 3.09: FORAGE, HAY, & PASTURE	13.7	.0	.0	.0	13.7	8.9	
RP 3.10: COTTON	2.5	.0	.0	.0	2.5	3.7	
RP 3.11: TOBACCO	13.1	.0	.0	.0	13.1	2.7	
RP 3.12: NEW CROPS & MINOR OILSEEDS	5.3	.0	.0	.0	5.3	.4	
RP 3.13: PROIT	22.3	.0	.0	.0	22.3	44.4	
RP 3.14: VEGETABLE CROPS	9.5	.0	.0	.0	9.5	14.8	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	1.7	.0	.0	.0	1.7	7.8	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.1	
RP 4.01: BEEF	1.2	.0	.0	.0	1.2	11.2	
RP 4.02: DAIRY	.9	.0	.0	.0	.9	7.4	
RP 4.03: POULTRY	14.6	.0	.0	.0	14.6	10.3	
RP 4.04: SHEEP	1.4	.0	.0	.0	1.4	.3	
RP 4.05: SWINE	6.5	.0	.0	.0	6.5	7.3	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.7	.0	.0	.0	.7	1.3	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.6	
RP 5.01: FOOD & NUTRITION	2.1	.0	.0	.0	2.1	3.4	
RP 5.02: FOOD SAFETY	14.6	.0	.0	.0	14.6	4.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	2.1	1.0	.0	.0	3.1	4.2	

RESEARCH PROGRAM SUMMARY

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	ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS
5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.1	.0	.0	.0	.1	.0	.0	.0
6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.1	.0	.0	.1	2.8	4.8	.0
6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.8	.0	.0
6.03: MARKETING & COMPETITION	8.7	4.8	.0	.0	13.5	7.7	.0	.0
7.01: GENERAL RESOURCE OR TECHNOLOGY	12.2	.0	.0	.0	12.2	7.3	.9	.0
LYD TOTAL	181.9	6.9	.0	48.0	236.8	187.5	16.4	.0

TABLE 1-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INST.
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	2.4	.0
RP 1.02: WATERS & WATERSHEDS	.0	.0	.0	.0	.0	.8	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.3	.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	1.3	.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.9	.0
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.7	.0
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	13.0	13.0	2.1	.0
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.8	.0
RP 2.07: FOREST RECREATION & AMBITRICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7	.0
RP 3.01: CORN	.0	.0	.0	.0	.0	2.4	.0
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.1	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.5	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	5.9	.0
RP 3.09: FORAGE, RANGE, & PASTURE	1.8	.0	.0	.0	1.8	7.1	.0
RP 3.11: TOBACCO	9.8	.0	.0	.0	9.8	5.5	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.5	.0
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.3	.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	4.1	.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.0	.2	2.9	.0
RP 4.01: BEEP	.0	.0	.0	.0	.0	6.0	.0
RP 4.02: DAIRY	.0	.0	.0	.0	.0	2.8	.0
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.6	.0
RP 4.04: SHEEP	.0	.0	.0	.0	.0	2.1	.0
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.9	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	9.7	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.2	8.0
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	1.3	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	.0	1.0	9.9	1.0
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	1.1	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.7	.0
.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	6.0	.0
.04: HUMAN RESOURCE OR TECHNOLOGY	.2	.0	.0	.0	.2	5.1	.0
SUMMARY	.0	.0	.0	.0	.0	2.3	.0
TOTAL	12.0	1.0	.0	13.0	26.0	101.1	10.0



LE	Y-0	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)			PROG
RESEARCH PROGRAM SUMMARY		ABS	RES	FCS/SRS	FS	USDA TOTAL	SAES	OTH COOP INSTS	FORESTRY C. SCHOOLS
1.01:	SOIL & LAND USE	.8	.0	.0	.0	.8	5.4	.0	.0
1.02:	WATER & WATERSHEDS	.4	.0	.0	.0	.4	.6	.0	.0
1.03:	RECREATION	.0	.0	.0	.0	.0	.2	.0	.0
1.04:	ENVIRONMENTAL QUALITY	4.0	.0	.0	.0	4.0	4.8	.5	.0
1.05:	FISH & WILDLIFE	.0	.0	.0	.0	.0	2.5	.0	.0
2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	4.0	4.0	.1	.0	.0
2.02:	TIMBER MANAGEMENT	.0	.0	.0	12.9	12.9	6.0	.0	.6
2.03:	FOREST PROTECTION	.0	.0	.0	6.0	6.0	1.3	.0	1.2
2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	11.1	11.1	1.2	.0	.6
2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.7	2.7	1.0	.0	.6
2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.2	.0	.0
2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.6	.0	.6
3.01:	CORN	.1	.0	.0	.0	.1	2.5	.0	.0
3.02:	GRAIN SORGHUM	2.8	.0	.0	.0	2.8	1.4	.0	.0
3.03:	WHEAT	.0	.0	.0	.0	.0	.7	.0	.0
3.04:	SMALL GRAINS OTHER THAN WHEAT	2.6	.0	.0	.0	2.6	.5	.0	.0
3.05:	RICE	5.4	.0	.0	.0	5.4	15.7	.0	.0
3.06:	SOYBEANS	.4	.0	.0	.0	.4	10.0	.9	.0
3.07:	PEANUTS	5.4	.0	.0	.0	5.4	.0	.5	.0
3.08:	SUGAR	13.8	.0	.0	.0	13.8	13.1	.0	.0
3.09:	FORAGE, HAY, & PASTURE	.3	.0	.0	.0	.3	11.1	.0	.0
3.10:	COTTON	116.1	.0	.0	.0	116.1	11.7	.0	.0
3.11:	TOBACCO	.0	.0	.0	.0	.0	.1	.0	.0
3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.6	.0	.0
3.13:	FRUIT	.0	.0	.0	.0	.0	8.7	.0	.0
3.14:	VEGETABLE CROPS	.2	.0	.0	.0	.2	17.7	.3	.0
3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	7.6	.0	.0
3.16:	BEE & OTHER POLLINATING INSECTS	6.2	.0	.0	.0	6.2	.0	.0	.0
4.01:	BEEF	1.8	.0	.0	.0	1.8	19.9	.7	.0
4.02:	DAIRY	.3	.0	.0	.0	.3	18.1	.5	.0
4.03:	POULTRY	.0	.0	.0	.0	.0	6.5	.0	.0
4.04:	SHEEP	.0	.0	.0	.0	.0	.4	.0	.0
4.05:	SWINE	.0	.0	.0	.0	.0	1.1	.1	.0
4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.2	.0	.0	.0	.2	3.2	.0	.0
4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	6.1	.5	.0
5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	1.4	.6	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	APS	ERS	PCS/SRS	FS	USDA TOTAL	SRS	OTH CO INS
RP 5.02: FOOD SAFETY	6.8	.0	.0	.0	6.8	1.4	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	3.8	.0	.0	.0	3.8	7.2	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	1.0	.0	.0	.0	1.0	.5	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.3	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	3.3	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	3.9	.0	.0	.0	3.9	.5	
RP 6.03: HUNTING & COMPEITION	.0	3.8	.0	.0	3.8	7.1	
RP 7.01: GENERAL RESEARCH ON TECHNOLOGY	1.5	.0	.0	.0	1.5	5.2	
GRAND TOTAL	179.7	3.8	.0	36.7	220.2	209.4	7

TABLE	V-B	STATE SUMMARY OF SCIENTIST-TRANS FOR FY 1977					(PRIMARY)		RESEARCH PROGRAM SUMMARY	RESEARCH PROGRAM SUMMARY
		ABS	BRS	PC5/SBS	FS	USDA TOTAL	SABS	OTH COOP INSTS		
P 1.01:	SOIL & LAND USE	1.3	.0	.0	.0	1.3	4.2	.0		
P 1.02:	WATER & WATERSHEDS	19.5	.0	.0	.0	19.5	.1	.0		
P 1.03:	RECREATION	.0	.0	.0	.0	.0	.0	.0		
P 1.04:	ENVIRONMENTAL QUALITY	3.0	.7	.0	.0	3.7	4.5	.8		
P 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	1.1	.0		
P 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.9	.0		
P 2.02:	TIMBER MANAGEMENT	.0	.0	.0	15.9	15.9	2.9	.0		
P 2.03:	FOREST PROTECTION	.0	.0	.0	14.6	14.6	4.9	.0		
P 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	3.0	3.0	13.4	.0		
P 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	4.0	4.0	.0	.0		
P 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.3	.0		
P 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	1.0	.0		
P 3.01:	CORN	5.9	.0	.0	.0	5.9	1.5	.0		
P 3.02:	GRAIN SORGHUM	.3	.0	.0	.0	.3	.8	.0		
P 3.03:	WHEAT	.0	.0	.0	.0	.0	.1	.0		
P 3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.6	.2		
P 3.05:	RICE	.2	.0	.0	.0	.2	1.3	.0		
P 3.06:	SOYBEANS	13.3	.3	.0	.0	13.6	9.5	.0		
P 3.07:	PEANUTS	.0	.0	.0	.0	.0	.1	.0		
P 3.08:	SUGAR	3.5	.0	.0	.0	3.5	.0	.0		
P 3.09:	FORAGE, RANGE, & PASTURE	1.6	.0	.0	.0	1.6	8.0	.1		
P 3.10:	COTTON	52.5	1.0	.0	.0	53.4	20.6	.0		
P 3.11:	TOBACCO	.0	.0	.0	.0	.0	.1	.0		
P 3.12:	NEW CROPS & MINOR OILSEEDS	1.3	.0	.0	.0	1.3	.0	.0		
P 3.13:	FRUIT	1.7	.0	.0	.0	1.7	6.3	.0		
P 3.14:	VEGETABLE CROPS	.1	.0	.0	.0	.1	10.9	.0		
P 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	6.1	.0		
P 4.01:	BEEF	.0	.0	.0	.0	.0	9.8	.4		
P 4.02:	DAIRY	.0	.0	.0	.0	.0	10.0	.0		
P 4.03:	POULTRY	5.0	.0	.0	.0	5.0	5.3	.0		
P 4.04:	SHEEP	.0	.0	.0	.0	.0	.4	.0		
P 4.05:	SWINE	.0	.0	.0	.0	.0	3.9	.2		
P 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.8	.0		
P 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.8	.0		
P 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	2.4	.5		
P 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	.4	.0		

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	SBS	BBS	PCS/SBS	PS	USDA TOTAL	SBS	OTH C IN
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	.0	1.0	5.0	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	2.0	.0	.0	.0	2.0	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	
RP 6.03: MARKETING & COMPETITION	.0	3.1	.0	.0	3.1	2.7	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	8.1	.0	.0	.0	8.1	2.8	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	119.3	6.1	.0	37.5	162.9	147.9	

TABLE 7-8		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		REG-
RESEARCH PROGRAM SUMMARY									NOB-
		ARS	ERS	FCS/SBS	FS	OSDA TOTAL	SARS	OTB COOP INSTS	FORESTRI SCHOOLS
P 1.01:	SOIL & LAND USE	.0	.0	.0	.0	.0	4.5	.0	.0
P 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	2.4	.0	.0
P 1.03:	RECREATION	.0	.0	.0	.0	.0	.3	.6	.0
P 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	.0	.0	.0
P 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	5.0	.0	.0	.0	5.0	9.0	2.5	.0
P 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	.2	.0	.0
P 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.1	.1	.0
P 2.02:	TIMBER MANAGEMENT	.0	.0	.0	9.0	9.0	.7	.0	.0
P 2.03:	FOREST PROTECTION	.0	.0	.0	10.3	10.3	6.9	.0	.0
P 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	11.0	11.0	3.4	.0	.0
P 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	5.4	.0	.0
P 2.06:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.9	2.9	.0	.0	.0
P 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.0	1.0	.3	.0	.0
P 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.4	.0	.0
P 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0
P 3.01:	CORN	2.8	.0	.0	.0	2.8	6.6	.0	.0
P 3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0
P 3.03:	WHEAT	.0	.0	.0	.0	.0	1.1	.0	.0
P 3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.9	.0	.0
P 3.06:	SOYBEANS	4.6	.0	.0	.0	4.6	10.1	.0	.0
P 3.07:	PEANUTS	2.1	.0	.0	.0	2.1	7.0	.0	.0
P 3.09:	FORAGE, RANGE, & PASTURE	3.5	.0	.0	.0	3.5	2.5	.0	.0
P 3.10:	COTTON	2.7	.0	.0	.0	2.7	3.7	.0	.0
P 3.11:	TOBACCO	11.1	.0	.0	.0	11.1	22.2	.2	.0
P 3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.3	.0	.0
P 3.13:	FRUIT	.1	.0	.0	.0	.1	15.1	.0	.0
P 3.14:	VEGETABLE CROPS	3.5	.0	.0	.0	3.5	18.2	.0	.0
P 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.7	.0	.0
P 3.16:	BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.3	.0	.0
P 4.01:	BEEF	.3	.0	.0	.0	.3	5.3	1.0	.0
P 4.02:	DAIRY	.2	.0	.0	.0	.2	9.0	.5	.0
P 4.03:	POULTRY	.0	.0	.0	.0	.0	12.7	.0	.0
P 4.04:	SHEEP	.0	.0	.0	.0	.0	.7	.0	.0
P 4.05:	SWINE	.0	.0	.0	.0	.0	5.3	.5	.0
P 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.0	.0	.0
P 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.4	.1	.0
P 5.01:	FOOD & NUTRITION	.3	.0	.0	.0	.3	.7	.5	.0

TABLE 1-8 STATE SUBSIDIARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	FCS/ERS	FS	USDA TOTAL	SARS	OTH C IN
RP 5.02: FOOD SAFETY	1.9	.0	.0	.0	1.9	2.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.1	.0	.0	.1	9.0	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.6	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.2	.0	.0	1.2	.8	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.9	
RP 6.03: MARKETING & COMPETITION	1.0	.0	.0	.0	1.0	3.2	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	1.9	.0	.0	.0	1.9	21.9	
GRAND TOTAL	41.0	1.3	.0	34.1	76.4	203.5	

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SBS	FS	OSDA TOTAL	SARS	OTH COOP FSTS	FORESTRY SCHOOL
RP 1.01: SOIL & LAND USE	.3	.0	.0	.0	.3	1.5	.0	.
RP 1.02: WATER & WATERSHEDS	7.8	1.0	.0	.0	8.8	2.5	.0	.
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	.2	.
RP 1.04: ENVIRONMENTAL QUALITY	6.6	.0	.0	.0	6.6	1.7	4.1	.
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.6	.0	.
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	.0	.
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.6	.0	.
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.6	.0	.
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.2	.0	.
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.1	.0	.
RP 3.01: CORN	.2	.0	.0	.0	.2	.4	.0	.
RP 3.02: GRAIN SORGHUM	.7	.0	.0	.0	.7	2.1	.0	.
RP 3.03: WHEAT	4.0	.0	.0	.0	4.0	7.3	.0	.
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.5	.0	.0	.0	.5	2.1	.3	.
RP 3.05: RICE	.0	.0	.0	.0	.0	.0	.0	.
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.4	.0	.
RP 3.07: PEANUTS	2.0	.0	.0	.0	2.0	2.1	.0	.
RP 3.09: FORAGE, RANGE, & PASTURE	3.1	.0	.0	.0	3.1	8.4	.0	.
RP 3.10: COTTON	.0	.0	.0	.0	.0	4.6	5.2	.
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.6	.0	.
RP 3.13: FRUIT	.0	.0	.0	.0	.0	2.5	.0	.
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.9	.0	.
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	3.2	.0	.
RP 4.01: CATTLE	4.6	.0	.0	.0	4.6	14.7	.0	.
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.0	.0	.
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.8	.0	.
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.5	.0	.
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.6	.0	.
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.1	.0	.0	.0	.1	.6	.0	.
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.8	1.8	.
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.3	.0	.
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.8	.0	.0	1.8	4.1	.0	.
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.3	.0	.
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	2.0	.0	.
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	4.1	.0	.0	4.1	5.2	.0	.
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.3	.0	.

TABLE 1-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SGS	FS	USDA TOTAL	SARS
RP 4.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	4.9
RP 7.01: GENERAL RESEARCH OR TECHNOLOGY	.0	.0	.0	.0	.0	10.9
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0
GRAND TOTAL	29.8	6.9	.0	.0	36.7	59.6



TABLE	Y-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)				RESEARCH PROGRAM SUMMARY
		ARS	BRS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS	
1.01:	SOIL & LAND USE	2.3	.0	.0	.0	2.3	2.4	.6	.0	
1.02:	WATER & WATERSHEDS	1.3	.0	.0	.0	1.3	.9	.0	.0	
1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.6	1.2	.0	
1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	.0	.0	
1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	1.0	.0	.0	
2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	.0	.6	
2.02:	TIMBER MANAGEMENT	.0	.0	.0	13.2	13.2	.0	.0	4.6	
2.03:	FOREST PROTECTION	.0	.0	.0	.0	.0	.0	.0	.9	
2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.0	.4	
2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	.0	1.9	
2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.0	3.0	.0	.0	.9	
2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.0	1.0	.3	.0	.5	
2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.0	
3.01:	CORN	.0	.0	.0	.0	.0	3.6	.0	.0	
3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.0	.2	.0	.0	
3.03:	WHEAT	.0	.0	.0	.0	.0	.5	.0	.0	
3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.5	.0	.0	
3.06:	SOYBEANS	.6	.0	.0	.0	.6	9.3	1.9	.0	
3.07:	PEANUTS	.0	.0	.0	.0	.0	.6	.0	.0	
3.09:	FORAGE, HAY, & PASTURE	1.0	.0	.0	.0	1.0	6.1	.0	.0	
3.10:	COTTON	13.2	.0	.0	.0	13.2	3.1	.0	.0	
3.11:	TOBACCO	.0	.0	.0	.0	.0	4.5	.0	.0	
3.12:	NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	
3.13:	PROFIT	1.0	.0	.0	.0	1.0	10.2	.0	.0	
3.14:	VEGETABLE CROPS	12.8	.0	.0	.0	12.8	8.3	1.0	.0	
3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	4.9	.0	.0	
4.01:	BEEF	.0	.0	.0	.0	.0	5.6	.0	.0	
4.02:	DAIRY	.0	.0	.0	.0	.0	6.5	.0	.0	
4.03:	POULTRY	.0	.0	.0	.0	.0	4.1	.0	.1	
4.04:	SHEEP	.0	.0	.0	.0	.0	.3	.0	.0	
4.05:	SWINE	.0	.0	.0	.0	.0	2.6	.0	.0	
4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.7	.0	.0	
4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.7	.0	.0	
5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	1.6	1.7	.0	
5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	.7	.5	.0	
5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	3.0	.9	.0	.0	3.9	3.7	.7	.0	

TABLE F-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/ERS	FS	USDA TOTAL	SARS	O
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.1	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	
RP 6.03: MARKETING & COMPETITION	.0	2.0	.0	.0	2.0	3.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	3.1	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	1.0	
GRAND TOTAL	35.5	2.9	.0	17.2	55.6	97.8	

TABLE 9-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PERMANENT)			RESEARCH PROGRAM SUMMARY
						USDA TOTAL	SARS	OTH COOP INSTS	
	ARS	ERS	PCS/SRS	FS					FORESTRY SCHOOLS
1.00: SOIL & LAND USE	.0	.0	.0	.0	.0	2.8	.0	.0	
1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.6	.0	.0	
1.04: ENVIRONMENTAL QUALITY	.7	.0	.0	.0	.7	1.9	1.2	.0	
1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	
1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	.0	.0	
2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.1	.0	.0	
2.02: TIMBER MANAGEMENT	.0	.0	.0	4.0	4.0	2.0	.0	.0	
2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.4	.0	.0	
2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.5	.0	.0	
2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.2	.0	.0	
2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.1	.0	.0	
2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.6	.0	.0	
2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.5	.0	.0	
3.01: CORN	.0	.0	.0	.0	.0	4.3	.0	.0	
3.02: GRAIN SOYGRUM	.0	.0	.0	.0	.0	.3	.0	.0	
3.03: WHEAT	.0	.0	.0	.0	.0	.8	.0	.0	
3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.0	.0	.0	
3.06: SOYBEANS	1.3	.0	.0	.0	1.3	6.0	.0	.0	
3.09: FORAGE, HAYAGE, & PASTURE	.0	.0	.0	.0	.0	4.1	.0	.0	
3.10: COTTON	6.6	.0	.0	.0	6.6	5.6	.0	.0	
3.11: TOBACCO	2.0	.0	.0	.0	2.0	3.8	.0	.0	
3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.2	.0	.0	
3.13: FRUIT	.0	.0	.0	.0	.0	2.1	.0	.0	
3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	6.9	.0	.0	
3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.4	.4	.0	
3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.4	.0	.0	
4.01: BEEF	1.0	.0	.0	.0	1.0	10.2	.5	.0	
4.02: DAIRY	1.2	.0	.0	.0	1.2	8.0	.0	.0	
4.03: POULTRY	.0	.0	.0	.0	.0	2.7	.8	.0	
4.04: SHEEP	.0	.0	.0	.0	.0	.8	.0	.0	
4.05: SWINE	.0	.0	.0	.0	.0	4.8	.0	.0	
4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.2	.0	.0	
4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.4	.0	.0	
5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.1	.1	.0	
5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.4	.1	.0	
5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	4.0	.0	.0	.0	4.0	6.0	2.9	.0	

TABLE 7-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESFARCE PROGRAM SUMMARY

	SES	SES	PCS/SES	PS	USDA TOTAL	SIYS	QTH CO INS
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.2	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	5.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.4	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	16.8	.0	.0	4.0	20.8	101.0	6

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHO
RP 1.01: SOIL & LAND USE	3.7	.0	.0	.0	3.7	9.9	.5	
RP 1.02: WATER & WATERSHEDS	17.0	.0	.0	.0	17.0	9.2	.0	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	3.8	.0	
RP 1.04: ENVIRONMENTAL QUALITY	.5	.0	.0	.0	.5	7.7	.5	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.0	.4	.5	.0	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	6.0	.0	
RP 1.07: REMOTE SENSING	3.5	.0	.0	.0	3.5	.3	.0	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.3	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.5	.5	2.0	.0	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	2.6	.0	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.2	.0	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	4.1	4.1	.2	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.2	.0	
RP 3.01: CORN	.2	.0	.0	.0	.2	2.3	.0	
RP 3.02: GRAIN SORGHUM	2.8	.0	.0	.0	2.8	10.3	.0	
RP 3.03: WHEAT	.0	.0	.0	.0	.0	4.1	.0	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	2.9	.1	
RP 3.05: RICE	4.0	.0	.0	.0	4.0	4.3	.0	
RP 3.06: SOYBEANS	.3	.0	.0	.0	.3	3.0	.0	
RP 3.07: PEANUTS	1.0	.0	.0	.0	1.0	6.9	.0	
RP 3.08: SUGAR	1.7	.0	.0	.0	1.7	2.8	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	13.5	.0	.0	.0	13.5	21.1	.0	
RP 3.10: COTTON	36.2	.0	.0	.0	36.2	19.7	.0	
RP 3.12: NEW CROPS & MINOR OILSEEDS	3.2	.0	.0	.0	3.2	1.5	.0	
RP 3.13: FRUIT	10.7	.0	.0	.0	10.7	10.3	.0	
RP 3.14: VEGETABLE CROPS	4.8	.0	.0	.0	4.8	16.3	.5	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.2	.0	.0	.0	.2	5.0	.0	
RP 4.01: BEEF	23.6	.0	.0	.0	23.6	18.2	.0	
RP 4.02: DAIRY	8.6	.0	.0	.0	8.6	3.7	.0	
RP 4.03: POULTRY	4.1	.0	.0	.0	4.1	9.8	.0	
RP 4.04: SHEEP	2.3	.0	.0	.0	2.3	3.5	.0	
RP 4.05: SWINE	2.3	.0	.0	.0	2.3	1.1	.1	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	2.3	.0	.0	.0	2.3	2.0	.0	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	3.4	.0	

TABLE 7-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAMS SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.7
RP 5.02: FOOD SAFETY	6.8	.0	.0	.0	6.8	.7
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	6.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.2	.0	.0	.0	.2	.8
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.2	.0	.0	1.2	3.7
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.4	.0	.0	.0	.4	.4
RP 6.03: MARKETING & COMPETITION	3.7	3.0	.0	.0	6.7	7.9
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	5.6	.0	.0	.0	5.6	8.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	45.6
GRAND TOTAL	163.5	4.2	.0	4.6	172.3	272.3

TABLE V-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)		RESEARCH PROGRAM SUMMARY		RESEARCH PROGRAM SUMMARY	
		ARS	ERS	FCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS		
RP 1.01:	SOIL & LAND USE	.4	.0	.0	.0	.4	7.3	.0	.0		
RP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.0	.0	.0		
RP 1.03:	RECREATION	.0	.0	.0	.0	.0	.1	.0	.0		
RP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	4.0	.7	.0		
RP 1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	.0	.0		
RP 1.07:	REMOTE SENSING	.0	.0	.0	.0	.0	1.8	.0	.0		
RP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	.0	.0	3.6	.0	.0		
RP 2.03:	FOREST PROTECTION	.0	.0	.0	.0	.0	4.5	.0	.0		
RP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	5.9	.0	.0		
RP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.9	.0	.0		
RP 2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.0	.0	.0		
RP 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.7	.0	.0		
RP 2.09:	TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.0		
RP 3.01:	CORN	.0	.0	.0	.0	.0	3.4	.0	.0		
RP 3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0		
RP 3.03:	WHEAT	.0	.0	.0	.0	.0	1.2	.0	.0		
RP 3.04:	SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.1	.0	.0		
RP 3.06:	SOYBEANS	.1	.0	.0	.0	.1	5.9	1.2	.0		
RP 3.07:	PEANUTS	4.9	.0	.0	.0	4.9	2.9	.3	.0		
RP 3.09:	FORAGE, RANGE, & PASTURE	1.0	.0	.0	.0	1.0	7.6	.0	.0		
RP 3.10:	COTTON	.0	.0	.0	.0	.0	.3	.0	.0		
RP 3.11:	TOBACCO	2.5	.0	.0	.0	2.5	8.7	.0	.0		
RP 3.13:	FRUIT	.0	.0	.0	.0	.0	8.5	.0	.0		
RP 3.14:	VEGETABLE CROPS	.0	.0	.0	.0	.0	1.4	4.3	.0		
RP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	6.2	.0	.0		
RP 4.01:	BEEF	.0	.0	.0	.0	.0	9.6	.0	.0		
RP 4.02:	DAIRY	.0	.0	.0	.0	.0	7.4	.0	.0		
RP 4.03:	POULTRY	.0	.0	.0	.0	.0	9.4	1.0	.0		
RP 4.04:	SHEEP	.0	.0	.0	.0	.0	1.7	.0	.0		
RP 4.05:	SWINE	.0	.0	.0	.0	.0	5.1	.0	.0		
RP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.4	.0	.0		
RP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.5	.0	.0		
RP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	6.0	2.0	.0		
RP 5.02:	FOOD SAFETY	.3	.0	.0	.0	.3	2.1	.7	.0		
RP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.4	.0	.0	.4	7.1	1.5	.0		
RP 5.04:	INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	2.4	.0	.0		

TABLE T-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ABS	ERS	PCS/SBS	FS	OSDA TOTAL	SARS	OTB I
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	3.1	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.0	
RP 6.03: MARKETING & COMPETITION	.0	1.0	.0	.0	1.0	4.2	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.1	.0	.0	.0	.1	21.9	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	
GRAND TOTAL	9.3	1.4	.0	.0	10.7	162.3	



TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PERCENT)					
RESEARCH PROGRAM SUMMARY										
	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SAES	OTH CCOP INSTS	FOREST SCHOOL		
RP 1.01: SOIL & LAND USE	4.3	.0	.0	.0	4.3	1.5	.0	.		
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	.4	.0	.		
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.7	.0	.		
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.8	.0	.		
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	6.0	6.0	.0	.0	.		
RP 3.01: CORN	.3	.0	.0	.0	.3	1.0	.0	.		
RP 3.02: GRAIN SORGHUM	.6	.0	.0	.0	.6	1.4	.0	.		
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.0	.0	.		
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.0	.0	.		
RP 3.05: RICE	.0	.0	.0	.0	.0	2.0	.0	.		
RP 3.06: SOYBEANS	.5	.0	.0	.0	.5	.5	.0	.		
RP 3.08: SUGAR	.0	.0	.0	.0	.0	17.6	.0	.		
RP 3.09: FORAGE, RANGE, & PASTURE	.2	.0	.0	.0	.2	4.7	.0	.		
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.6	.0	.		
RP 3.12: NEW CROPS & MINOR OILSEEDS	.5	.0	.0	.0	.5	4.3	.0	.		
RP 3.13: FRUIT	.3	.0	.0	.0	.3	14.0	.0	.		
RP 3.14: VEGETABLE CROPS	2.8	.0	.0	.0	2.8	25.2	.0	.		
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.2	.0	.		
RP 4.01: BEEF	.0	.0	.0	.0	.0	1.0	.0	.		
RP 4.02: DAIRY	.0	.0	.0	.0	.0	2.9	.0	.		
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.5	.0	.		
RP 4.05: SWINE	.0	.0	.0	.0	.0	.4	.0	.		
RP 5.01: FOOD & NUTRITION	3.0	.0	.0	.0	3.0	.6	.0	.		
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	4.3	.0	.		
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.8	.0	.		
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	.0	.		
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	6.5	.0	.		
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.2	.0	.		
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.4	.0	.		
GRAND TOTAL	12.3	.0	.0	6.0	18.3	103.4	.0	.		

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES	OTH I
RP 1.04: ENVIRONMENTAL QUALITY	.4	.0	.0	.0	.4	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.0	
RP 3.02: GRAIN SOYBEAN	.0	.0	.0	.0	.0	.4	
RP 3.09: FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	.8	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.9	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.3	
RP 4.01: BEEF	.0	.0	.0	.0	.0	1.0	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.1	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.0	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.0	
GRAND TOTAL	.4	.0	.0	.0	.4	4.5	

STATE SUMMARY OF SCIENTIST-TRANS FOR FY 1977					(PRIMARY)				BIO
NCSB PROGRAM SUMMARY									ALL
	ARS	ERS	FCS/SBS	FS	USDA TOTAL	SAES	OTR COOP INSTS	FORESTRY SCHOOLS	
01: SOIL & LAND USE	.6	.0	.3	.0	.6	.3	.0	.0	
03: RECREATION	.0	.0	.0	.0	.0	1.7	.0	.0	
05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	.0	
01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	2.0	2.0	.0	.0	.0	
02: TIMBER MANAGEMENT	.0	.0	.0	5.9	5.9	.0	.0	.3	
03: FOREST PROTECTION	.0	.0	.0	4.9	4.9	.0	.0	.0	
05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.1	3.1	.0	.0	.1	
06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	.0	.1	
08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	.1	
03: WHEAT	.0	.0	.0	.0	.0	.4	.0	.0	
04: SMALL GRAINS OTHER THAN WHEAT	.6	.0	.0	.0	.6	1.1	.0	.0	
09: FORAGE, RANGE, & PASTURE	1.6	.0	.0	.0	1.6	.9	.0	.0	
12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	.0	.0	
13: FRUIT	.1	.0	.0	.0	.1	.4	.0	.0	
14: VEGETABLE CROPS	1.5	.0	.0	.0	1.5	.6	.0	.0	
15: PLANTS TO ENHANCE THE ENVIRONMENT	.5	.0	.0	.0	.5	.5	.0	.0	
01: BEEF	.0	.0	.0	.0	.0	.0	.0	.0	
02: DAIRY	.0	.0	.0	.0	.0	1.4	.0	.0	
06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.3	.0	.0	.0	.3	.0	.0	.0	
03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.7	.0	.0	
01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.8	.0	.0	
03: MARKETING & COMPETITION	.9	.0	.0	.0	.9	1.3	.0	.0	
01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	.0	.0	.0	
0 TOTAL	6.1	.0	.0	15.9	22.0	10.3	.0	1.0	

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	OSDA TOTAL	SARS	OTS I
RP 1.01: SOIL & LAND USE	3.8	.0	.0	.0	3.8	13.2	
RP 1.02: WATER & WATERSHEDS	1.8	.0	.0	.0	1.8	2.9	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	
RP 1.04: ENVIRONMENTAL QUALITY	16.0	.0	.0	.0	16.0	7.5	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.0	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.1	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.5	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.2	5.2	1.6	
RP 2.03: FOREST PROTECTION	.0	.0	.0	1.7	1.7	.4	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	5.9	5.9	1.8	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.5	
RP 2.06: FOREST WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.4	
RP 3.01: CORN	26.6	.0	.0	.0	26.6	11.3	
RP 3.02: GRAIN SOYBEAN	4.1	.0	.0	.0	4.1	.7	
RP 3.03: WHEAT	17.8	.0	.0	.0	17.8	.9	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	3.9	.0	.0	.0	3.9	.9	
RP 3.05: RICE	.0	.0	.0	.0	.0	.2	
RP 3.06: SOYBEANS	40.0	.0	.0	.0	40.0	18.5	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.0	
RP 3.09: FORAGE, RANGES, & PASTURE	.0	.0	.0	.0	.0	5.2	
RP 3.10: COTTON	.0	.0	.0	.0	.0	.1	
RP 3.12: NEW CROPS & MINOR OILSEEDS	14.5	.0	.0	.0	14.5	.1	
RP 3.13: FRUIT	1.0	.0	.0	.0	1.0	5.7	
RP 3.14: VEGETABLE CROPS	.8	.0	.0	.0	.8	5.4	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.8	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.6	
RP 4.01: BEEF	2.4	.0	.0	.0	2.4	5.7	
RP 4.02: DAIRY	.6	.0	.0	.0	.6	13.1	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	1.8	
RP 4.04: SHEEP	.2	.0	.0	.0	.2	3.2	
	.2	.0	.0	.0	.2	8.6	
ATS, PRIS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	3.7	
	.0	.0	.0	.0	.0	.2	
	8.2	.0	.0	.0	8.2	6.4	

TABLE F-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SBS	FS	USDA TOTAL	SARS	OTH COOP INSTS
RP 5.02: FOOD SAFETY	26.3	.0	.0	.0	26.3	1.3	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	7.8	.0
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.7	.0	.0	.7	9.7	.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	1.4	.0	.0	.0	1.4	.5	.0
RP 6.03: MARKETING & COMPETITION	.0	3.9	.0	.0	3.9	4.7	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	21.7	.0	.0	.0	21.7	10.3	.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0
GRAND TOTAL	191.2	4.6	.0	12.8	208.6	163.7	.0

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CO IFS
RP 1.01: SOIL & LAND USE	.6	.0	.0	.0	.6	6.9	
RP 1.02: WATER & WATERSHEDS	1.4	.0	.0	.0	1.4	3.5	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	
RP 1.04: ENVIRONMENTAL QUALITY	3.0	.0	.0	.0	3.0	7.6	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.8	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.8	
RP 1.07: RESOIR SENSING	.0	.0	.0	.0	.0	.3	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.2	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.3	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.3	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	4.7	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.9	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	1.3	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.2	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.4	
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	
RP 3.01: CORN	1.7	.0	.0	.0	1.7	12.7	
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	1.1	
RP 3.03: WHEAT	.8	.0	.0	.0	.8	4.9	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0	.4	.4	
RP 3.06: SOYBEANS	3.0	.0	.0	.0	3.0	9.3	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.1	
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.0	.0	1.0	4.6	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.1	.0	.0	.0	.1	3.3	
RP 3.13: PROIT	2.0	.0	.0	.0	2.0	3.9	
RP 3.14: VEGETABLE CROPS	1.0	.0	.0	.0	1.0	7.1	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.9	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.1	
RP 4.01: BEEF	.0	.0	.0	.0	.0	6.5	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	5.8	
RP 4.03: POULTRY	2.0	.0	.0	.0	2.0	5.6	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.4	
RP 4.05: SWINE	.4	.0	.0	.0	.4	10.5	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	3.1	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.0	
RP 5.02: FOOD SAFETY	.2	.0	.0	.0	.2	1.5	

TABLE 7-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTF COOP INSTS	FORESTRY SCHOOLS
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	5.7	.0	.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	2.6	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	2.1	.0	.0	2.1	6.0	.0	.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	1.4	.0	.0
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	6.4	.0	.0
RP 7.01: GENERAL RESOURCES OR TECHNOLOGY	2.2	.0	.0	.0	2.2	12.0	.0	.0
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	1.4	.0	.0
GRAND TOTAL	19.8	2.1	.0	.0	21.9	176.5	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	BRS	PCS/SRS	FS	USDA TOTAL	SAES	OTH C IN
RP 1.01: SOIL & LAND USE	1.8	.0	.0	.0	1.8	8.6	
RP 1.02: WATER & WATERSHEDS	.3	.0	.0	.0	.3	3.4	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.7	.0	.0	.7	5.2	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.8	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.8	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.1	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.1	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.7	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.2	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.9	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	
RP 3.01: CORN	9.9	.0	.0	.0	9.9	12.6	
RP 3.02: GRAIN SORGHUMS	.0	.0	.0	.0	.0	.8	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.5	.0	.0	.0	.5	2.9	
RP 3.06: SOYBEANS	4.7	.0	.0	.0	4.7	8.9	
RP 3.09: FORAGE, HAY, & PASTURE	.0	.0	.0	.0	.0	3.2	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.4	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	2.4	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.6	.0	.0	.0	.6	3.4	
RP 4.01: SHEEP	16.8	.0	.0	.0	16.8	7.0	
RP 4.02: DAIRY	15.2	.0	.0	.0	15.2	3.7	
RP 4.03: POULTRY	8.4	.0	.0	.0	8.4	2.9	
RP 4.04: SHEEP	2.2	.0	.0	.0	2.2	.3	
RP 4.05: SWINE	11.8	.0	.0	.0	11.8	9.0	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.7	.0	.0	.0	1.7	1.7	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.1	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.1	
RP 5.02: FOOD SAFETY	.1	.0	.0	.0	.1	2.9	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	7.3	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.4	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	1.2	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	1.7	.0	.0	.0	1.7	2.8	



TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP ISTS	FOREST SCHOOLS
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.6	.0	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.2	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	3.0	.0	.0	.0	3.0	6.2	.0	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	4.4	.0	
GRAND TOTAL	76.8	.7	.0	.0	79.5	116.6	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SBS	FS	USDA TOTAL	SAES	OTH C IN
RP 1.01: SOIL & LAND USE	2.6	.0	.0	.0	2.6	4.4	
RP 1.02: WATER & WATERSHEDS	2.2	.0	.0	.0	2.2	9.0	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.8	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.3	.0	.0	.0	.3	1.9	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.8	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	2.9	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.1	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.1	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.6	
RP 3.01: CORN	4.4	.2	.0	.0	4.6	8.5	
RP 3.02: GRAIN SORGHUM	2.9	.1	.0	.0	3.0	12.2	
RP 3.03: WHEAT	11.7	.2	.0	.0	12.0	17.7	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.7	.1	.0	.0	1.8	1.3	
RP 3.05: RICE	2.0	.1	.0	.0	2.1	.0	
RP 3.06: SOYBEANS	.8	.0	.0	.0	.8	6.2	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.8	
RP 3.09: FORAGE, RANGE, & PASTURE	1.0	.1	.0	.0	1.1	11.2	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.4	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	3.5	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	2.8	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.9	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.2	.0	.0	.0	.2	.1	
RP 4.01: BEEP	.2	.0	.0	.0	.2	15.3	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	8.6	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	6.4	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	3.1	
RP 4.05: SWINE	.0	.0	.0	.0	.0	3.9	
RP " 06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.2	
QUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.2	
OOD & NUTRITION	.5	.0	.0	.0	.5	3.5	
OOD SAFETY	.9	.0	.0	.0	.9	1.3	
URAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	9.7	
USPECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.9	
ARE ADJUSTMENT, PRICES & INCOME	1.1	.0	.0	.0	1.1	2.6	
ORRION AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	3.7	

SEARCH PROGRAM SUMMARY

	AMS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH CQOF INSTS	FOREST SCHOOL
6.03: MARKETING & COMPETITION	2.7	2.1	.0	.0	4.8	4.9	.0	.
7.01: GENERAL RESOURCE OR TECHNOLOGY	.1	.0	.0	.0	.1	13.2	.0	.
9.01: DECLASSIFIED	.0	.0	.0	.0	.0	14.4	.0	.
AND TOTAL	35.2	3.0	.0	.0	38.2	185.6	.0	.

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	NIC SARS AND
1P 1.01: SOIL & LAND USE	.0	1.0	.0	.0	1.0	5.8
1P 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.1
1P 1.03: RECREATION	.0	.0	.0	.0	.0	2.0
1P 1.04: ENVIRONMENTAL QUALITY	.1	.0	.0	.0	.1	10.9
1P 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.4
1P 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	3.6
1P 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.3
1P 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.4
1P 2.02: TIMBER MANAGEMENT	.0	.0	.0	6.4	6.4	3.3
1P 2.03: FOREST PROTECTION	.0	.0	.0	5.9	5.9	1.5
1P 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	4.0	4.0	2.4
1P 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.8	2.8	.1
1P 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.2
1P 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.7
1P 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	1.0
1P 3.01: CORN	.0	.0	.0	.0	.0	3.7
1P 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.0
1P 3.03: WHEAT	2.3	.0	.0	.0	2.3	4.1
1P 3.04: SMALL GRAINS OTHER THAN WHEAT	2.0	.0	.0	.0	2.0	1.9
1P 3.06: SOYBEANS	.0	.0	.0	.0	.0	1.8
1P 3.08: SUGAR	2.0	.0	.0	.0	2.0	.3
1P 3.09: FORAGE, RANGS, & PASTURE	.0	.0	.0	.0	.0	3.5
1P 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.2
1P 3.13: FRUIT	3.5	.0	.0	.0	3.5	18.0
1P 3.14: VEGETABLE CROPS	1.8	.0	.0	.0	1.8	12.9
1P 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	5.9
1P 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.2
1P 4.01: BEEF	.0	.0	.0	.0	.0	2.0
1P 4.02: DAIRY	.0	.0	.0	.0	.0	15.3
1P 4.03: POULTRY	10.0	.0	.0	.0	10.0	5.2
1P 4.04: SHEEP	.0	.0	.0	.0	.0	.6
1P 4.05: SWINE	.0	.0	.0	.0	.0	5.3
1P 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	3.3
1P 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.4
1P 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	6.5
1P 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	3.1

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	MICHIGAN AND ARBOR	MICHIGAN BOUGHTON
P 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	8.5	.0	.0
P 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.3	.0	.0
P 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	.0	.0
P 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.5	.0	.0	.5	5.3	.0	.0
P 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	1.2	.0	.0
P 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.5	.0	.0
P 7.01: GENERAL RESEARCH ON TECHNOLOGY	.0	.0	.0	.0	.0	21.7	.0	.0
P 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0
GRAND TOTAL	21.7	1.5	.0	19.1	42.3	168.3	5.3	13.9

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTB
RP 1.01: SOIL & LAND USE	4.8	.0	.0	.0	4.8	7.2	
RP 1.02: WATER & WATERSHEDS	5.8	.0	.0	.0	5.8	1.3	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.0	
RP 1.04: ENVIRONMENTAL QUALITY	5.5	.0	.0	.0	5.5	4.6	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.3	.0	.0	.0	.3	1.3	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	3.0	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.2	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	6.0	6.0	1.3	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	9.0	9.0	6.7	
RP 2.03: FOREST PROTECTION	.0	.0	.0	7.8	7.8	1.4	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	4.0	4.0	6.7	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.6	3.6	1.5	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.4	.4	1.4	
RP 2.07: FOREST RECREATION & AESTHETICS & OTB LANDSCAPE VALUES	.0	.0	.0	1.0	1.0	1.9	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	3.0	3.0	1.1	
RP 3.01: CORN	.1	.0	.0	.0	.1	7.7	
RP 3.03: WHEAT	3.7	.0	.0	.0	3.7	1.8	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	2.6	.0	.0	.0	2.6	5.3	
RP 3.05: RICE	.0	.0	.0	.0	.0	2.9	
RP 3.06: SOYBEANS	1.0	.0	.0	.0	1.0	5.7	
RP 3.09: FORAGE, RANGE, & PASTURE	5.0	.0	.0	.0	5.0	4.9	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	3.7	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	1.3	
RP 3.14: VEGETABLE CROPS	2.5	.0	.0	.0	2.5	11.1	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	6.5	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.5	
RP 4.01: BEEF	.0	.0	.0	.0	.0	3.2	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	10.0	
RP 4.03: POULTRY	.1	.0	.0	.0	.1	6.4	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	2.7	
RP 4.05: SWINE	.0	.0	.0	.0	.0	6.3	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.5	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.2	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	7.7	
RP 5.02: FOOD SAFETY	.5	.0	.0	.0	.5	3.3	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.1	.0	.0	.1	13.3	

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH COOP INSTS	FORES SCRS
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	2.0	.0	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	1.1	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.8	.0	.0	.8	1.6	.0	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.9	.0	
RP 6.03: MARKETING & COMPETITION	1.9	1.1	1.4	.0	4.4	3.5	.0	
RP 7.01: GENERAL RESOURCES OR TECHNOLOGY	.6	.0	.0	.0	.6	14.2	.0	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.2	.0	
GRAND TOTAL	34.3	2.0	1.4	34.8	72.5	168.0	.0	

TABLE 1-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ABS	BBS	FCS/SRS	FS	USDA TOTAL	SARS	OTH
RP 1.01: SOIL & LAND USE	1.2	.0	.0	.0	1.2	3.1	
RP 1.02: WATER & WATERSHEDS	5.6	.0	.0	.0	5.6	1.5	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.3	
RP 1.04: ENVIRONMENTAL QUALITY	2.2	.0	.0	.0	2.2	2.9	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	2.3	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	4.8	4.8	3.4	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.6	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	4.3	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.2	.2	2.0	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.0	1.0	.6	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	
RP 3.01: CORN	6.8	.0	.0	.0	6.8	7.9	
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	1.4	
RP 3.03: WHEAT	1.2	.0	.0	.0	1.2	2.9	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.1	.0	.0	.0	.1	.7	
RP 3.06: SOYBEANS	4.8	.0	.0	.0	4.8	6.4	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.3	
RP 3.09: FORAGE, RANGE, & PASTURE	1.3	.0	.0	.0	1.3	6.9	
RP 3.10: COTTON	.0	.0	.0	.0	.0	4.5	
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.1	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.7	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	3.9	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.9	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	1.4	
RP 4.01: BEEF	2.1	.0	.0	.0	2.1	7.7	
RP 4.02: DAIRY	2.5	.0	.0	.0	2.5	7.8	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	4.8	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	1.2	
RP 4.05: SWINE	.1	.0	.0	.0	.1	3.5	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.1	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.1	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.9	
RP 5.02: FOOD SAFETY	.1	.0	.0	.0	.1	1.8	



TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	FCS/SBS	FS	USDA TOTAL	SAWS	OTH COOP INSTS	FORES SCH
EP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	1.0	.0	.0	1.0	5.9	.2	
EP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.1	.0	
EP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	1.1	.0	.0	1.1	3.7	.0	
EP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	2.5	.0	
EP 6.03: MARKETING & COMPETITION	.7	.0	.0	.0	.7	4.0	.0	
EP 7.01: GENERAL RESOURCE OR TECHNOLOGY	8.1	.0	.0	.0	8.1	8.8	.0	
EP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.4	.0	
GRAND TOTAL	36.7	2.1	.0	6.0	44.8	116.7	17.2	

TABLE T-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	BRS	PCS/SRS	PS	USDA TOTAL	SARS	OTH I
RP 1.01: SOIL & LAND USE	1.4	1.0	.0	.0	2.4	5.7	
RP 1.02: WATER & WATERSHEDS	1.2	.0	.0	.0	1.2	4.1	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.1	
RP 1.04: ENVIRONMENTAL QUALITY	8.7	1.6	.0	.0	10.3	2.9	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.2	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.2	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.9	
RP 2.03: FOREST PROTECTION	.0	.0	.0	2.0	2.0	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.0	.0	1.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTB LANDSCAPE VALUES	.0	.0	.0	2.0	2.0	.1	
RP 3.01: CORN	.0	.0	.0	.0	.0	11.6	
RP 3.02: GRAIN SORGHUM	3.2	.0	.0	.0	3.2	8.3	
RP 3.03: WHEAT	3.0	.0	.0	.0	3.0	6.5	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.0	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	5.4	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.7	
RP 3.09: FORAGE, Silage, & PASTURE	5.3	.0	.0	.0	5.3	7.9	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.1	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	5.2	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.5	.0	.0	.0	.5	2.9	
RP 4.01: BEEF	10.2	1.2	.0	.0	11.4	12.4	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	4.0	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	4.4	
RP 4.04: SHEEP	6.3	.0	.0	.0	6.3	1.0	
RP 4.05: SWINE	7.1	.0	.0	.0	7.1	12.4	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.3	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	3.0	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	2.4	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.1	.0	.0	.0	.1	9.6	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.6	.0	.0	.0	.6	4.5	
RP 6.03: MARKETING & COMPETITION	.0	2.3	.0	.0	2.3	3.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.2	.0	.0	.0	.2	9.6	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	12.0	
GRAND TOTAL	47.7	6.1	.0	9.0	57.8	140.2	

TABLE F-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977						(PAIRWART)			
RESEARCH PROGRAM SUMMARY									
		ARS	BRS	FCS/SBS	FS	USDA TOTAL	SARS	OTH CUOP UNITS	FOREST SCHOOLS
FP 1.01: SOIL & LAND USE		5.9	.3	.0	.0	6.1	12.7	.0	
FP 1.02: WATER & WATERSHEDS		3.6	1.3	.0	.0	5.1	4.8	.0	
FP 1.03: RECREATION		.0	.0	.0	.0	.0	.0	.0	
FP 1.04: ENVIRONMENTAL QUALITY		.0	.0	.0	.0	.0	3.7	.0	
FP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY		.0	.0	.0	.0	.0	.4	.0	
FP 1.07: REMOTE SENSING		.0	.0	.0	.0	.0	.2	.0	
FP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES		.0	.0	.0	.0	.0	.0	.0	
FP 2.02: TIMBER MANAGEMENT		.0	.0	.0	2.0	2.0	.4	.0	
FP 2.03: FOREST PROTECTION		.0	.0	.0	1.0	1.0	.3	.0	
FP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION		.0	.0	.0	.0	.0	.0	.0	
FP 3.01: CEREAL		.0	.0	.0	.0	.0	1.7	.0	
FP 3.02: GRAIN SORGHUM		.0	.0	.0	.0	.0	.0	.0	
FP 3.03: WHEAT		4.5	.0	.0	.0	4.5	20.4	.0	
FP 3.04: SMALL GRAINS OTHER THAN WHEAT		.8	.0	.0	.0	.8	8.6	.0	
FP 3.05: RICE		.0	.0	.0	.0	.0	.0	.0	
FP 3.06: SOYBEANS		.0	.0	.0	.0	.0	.8	.0	
FP 3.08: SUGAR		2.0	.0	.0	.0	2.0	2.6	.0	
FP 3.09: FORAGE, HAY, & PASTURE		7.1	.0	.0	.0	7.1	7.1	.0	
FP 3.12: NEW CROPS & MINOR OILSEEDS		3.5	.0	.0	.0	3.5	3.9	.0	
FP 3.13: PEANUT		.0	.0	.0	.0	.0	.7	.0	
FP 3.14: VEGETABLE CROPS		.0	.0	.0	.0	.0	4.5	.0	
FP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT		.9	.0	.0	.0	.9	.5	.0	
FP 4.01: BEEF		.5	.0	.0	.0	.5	6.7	.0	
FP 4.02: DAIRY		.0	.0	.0	.0	.0	1.2	.0	
FP 4.03: POULTRY		.0	.0	.0	.0	.0	.8	.0	
FP 4.04: SHEEP		.0	.0	.0	.0	.0	1.8	.0	
FP 4.05: SWINE		.0	.0	.0	.0	.0	2.0	.0	
FP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)		.0	.0	.0	.0	.0	.1	.0	
FP 5.01: FOOD & NUTRITION		4.5	.0	.0	.0	4.5	.2	.0	
FP 5.02: FOOD SAFETY		15.8	.0	.0	.0	15.8	1.2	.0	
FP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING		.0	.1	.0	.0	.1	4.3	.0	
FP 6.01: FARM ADJUSTMENT, PRICES & INCOME		.0	.0	.0	.0	.0	3.1	.0	
FP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT		.0	.0	.0	.0	.0	.5	.0	
FP 6.03: MARKETING & COMPETITION		.0	.0	.0	.0	.0	2.1	.0	
FP 7.01: GENERAL RESOURCE OR TECHNOLOGY		17.0	.0	.0	.0	17.0	18.3	.0	
FP 9.01: UNCLASSIFIED		.0	.0	.0	.0	.0	.0	.0	
GRAND TOTAL		66.4	1.6	.0	3.0	71.0	115.7	.0	

TABLE V-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/ERS	FS	USDA TOTAL	SARS	ALL
RP 1.01: SOIL & LAND USE	.8	.0	.0	.0	.8	9.0	
RP 1.02: WATER & WATERSHEDS	3.6	.0	.0	.0	3.6	1.2	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.8	
RP 1.04: ENVIRONMENTAL QUALITY	2.3	.0	.0	.0	2.3	4.2	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.5	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	1.0	1.0	5.3	
RP 2.03: FOREST PROTECTION	.0	.0	.0	13.0	13.0	1.2	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	8.2	8.2	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.0	3.0	.3	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.1	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.8	.8	.1	
RP 3.01: CORN	3.0	.0	.0	.0	3.0	6.9	
RP 3.03: WHEAT	3.0	.0	.0	.0	3.0	1.5	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.3	
RP 3.06: SOYBEANS	.5	.0	.0	.0	.5	7.8	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	1.1	
RP 3.09: FORAGE, RANGELAND, & PASTURE	.0	.0	.0	.0	.0	3.2	
RP 3.11: TOBACCO	.0	.0	.0	.0	.0	.8	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0	.0	
RP 3.13: FRUIT	1.5	.0	.0	.0	1.5	6.2	
RP 3.14: VEGETABLE CROPS	1.1	.0	.0	.0	1.1	9.1	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	8.3	.0	.0	.0	8.3	8.3	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	.2	
RP 4.01: SHEEP	.0	.0	.0	.0	.0	4.4	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	8.7	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	5.9	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	3.0	
RP 4.05: SWINE	.0	.0	.0	.0	.0	8.3	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.3	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.6	
RP 5.01: FOOD & NUTRITION	1.0	.0	.0	.0	1.0	2.0	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	2.6	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	6.4	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	

FILE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

REQ  
OPI

	APS	BRS	PCS/GRS	FS	USDA TOTAL	SARS	ORIO ALLIANCE	FORESTRY SCHOOLS
EP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.5	.0	.0
EP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.1	.0	.0
EP 7.01: GENERAL RESOURCE OR TECHNOLOGY	2.7	.0	.0	.0	2.7	3.6	.0	.0
EP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	.0
GILDED TOTAL	27.6	.0	.0	26.0	53.6	117.8	.0	.0

## RESEARCH PROGRAM SUMMARY

	ARS	NBS	PCS/SRS	FS	USDA TOTAL	SARS	OTH J
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	4.7	
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.4	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.6	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	3.3	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.9	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.7	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.1	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.3	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.4	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.5	3.5	.0	
RP 2.07: FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.0	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	3.5	3.5	.0	
RP 3.01: CORN	8.5	.0	.0	.0	8.5	2.0	
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.2	
RP 3.03: WHEAT	1.4	.0	.0	.0	1.4	3.5	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.6	.0	.0	.0	1.6	2.6	
RP 3.06: SOYBEANS	.2	.0	.0	.0	.2	.3	
RP 3.09: FORAGE, RANGE, & PASTURE	.3	.0	.0	.0	.3	6.7	
RP 3.12: NEW CROPS & MINOR OILSEEDS	.6	.0	.0	.0	.6	1.6	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	.4	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	.8	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.8	
RP 4.01: BEEF	.0	.0	.0	.0	.0	9.0	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	3.7	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.0	
RP 4.04: SHEEP	.0	.0	.0	.0	.0	2.4	
RP 4.05: SWINE	.0	.0	.0	.0	.0	2.8	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.4	
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.2	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.8	
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.8	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.9	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	2.2	
RP 6.03: MARKETING & COMPETITION	.0	.9	.0	.0	.9	1.9	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.2	.0	.0	.0	.2	11.7	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	4.9	
GRAND TOTAL	12.7	.9	.0	7.0	20.6	81.8	

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FOREST SCHOOLS
1.01: SOIL & LAND USE	.0	.9	.0	.0	.9	6.6	.0	
1.02: WATER & WATERSHEDS	.0	.1	.0	.0	.1	.5	.0	
1.03: RECREATION	.0	.0	.0	.0	.0	.8	.0	
1.04: ENVIRONMENTAL QUALITY	.0	2.0	.0	.0	2.0	7.4	.0	
1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.0	.0	
1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	4.5	.0	
1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.2	.0	
2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.0	.0	
2.02: TIMBER MANAGEMENT	.0	.0	.0	16.0	16.0	3.1	.0	
2.03: FOREST PROTECTION	.0	.0	.0	8.0	8.0	4.9	.0	
2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	89.5	89.5	2.1	.0	
2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	3.5	3.5	.4	.0	
2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.0	.0	
3.01: CORN	.0	.0	.0	.0	.0	3.7	.0	
3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	
3.03: WHEAT	.1	.0	.0	.0	.1	.7	.0	
3.04: SMALL GRAINS OTHER THAN WHEAT	5.9	.0	.0	.0	5.9	1.9	.0	
3.06: SOYBEANS	.0	.0	.0	.0	.0	2.5	.0	
3.07: PEANUTS	.1	.0	.0	.0	.1	.0	.0	
3.09: FORAGE, RANGE, & PASTURE	1.0	.0	.0	.0	1.0	6.9	.0	
3.11: TOBACCO	.0	.0	.0	.0	.0	.6	.0	
3.13: FRUIT	.0	.0	.0	.0	.0	4.2	.0	
3.14: VEGETABLE CROPS	3.8	.0	.0	.0	3.8	16.1	.0	
3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	2.6	.0	
3.16: BEES & OTHER POLLINATING INSECTS	4.0	.0	.0	.0	4.0	3.0	.0	
4.01: BEEF	.0	.0	.0	.0	.0	3.9	.0	
4.02: DAIRY	.6	.0	.0	.0	.6	13.1	.0	
4.03: POULTRY	.2	.0	.0	.0	.2	4.3	.0	
4.04: SHEEP	.2	.0	.0	.0	.2	1.2	.0	
4.05: SWINE	.0	.0	.0	.0	.0	3.3	.0	
4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	1.5	.0	
4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	1.1	.0	
5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	6.8	.0	
5.02: FOOD SAFETY	.0	.0	.0	.0	.0	5.8	.0	
5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	10.0	.0	
5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	1.1	.0	

TABLE Y-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	AMS	RS	PCS/RS	PS	USDA TOTAL	SARS	OTH 1
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	2.7	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	3.9	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.7	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	4.8	.0	.0	.0	4.8	25.0	
GRAND TOTAL	20.7	3.0	.0	117.0	140.7	161.2	



## RESEARCH PROGRAM SUMMARY

		ARS	BRS	PCS/SRS	FS	USDA TOTAL	SARS	OTR COOP LIVST	FOREST SCHOOL
P 1.01:	SOIL & LAND USE	3.1	.0	.0	.0	3.1	5.7	.0	
P 1.02:	WATER & WATERSHEDS	16.5	.0	.0	1.1	17.6	7.5	.0	
P 1.03:	RECREATION	.0	.0	.0	.0	.0	1.2	.0	
P 1.04:	ENVIRONMENTAL QUALITY	.4	2.6	.0	.0	3.0	5.9	.0	
P 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	1.1	.0	
P 1.07:	REMOTE SENSING	.6	.0	.0	.0	.6	.5	.0	
P 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.4	.0	
P 2.02:	TIMBER MANAGEMENT	.0	.0	.0	3.0	3.0	1.2	.0	
P 2.03:	FOREST PROTECTION	.0	.0	.0	3.0	3.0	.7	.0	
P 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.2	.0	
P 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	17.9	17.9	.8	.0	
P 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	6.0	6.0	.7	.0	
P 2.07:	FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	.0	.0	.6	.0	
P 2.08:	ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.0	.0	
P 3.02:	GRAIN SOYBEANS	.0	.0	.0	.0	.0	.7	.0	
P 3.03:	WHEAT	.1	.0	.0	.0	.1	1.5	.0	
P 3.04:	SMALL GRAINS OTHER THAN WHEAT	2.1	.0	.0	.0	2.1	.9	.0	
P 3.06:	SOYBEANS	.0	.0	.0	.0	.0	.3	.0	
P 3.08:	SUGAR	.1	.0	.0	.0	.1	1.3	.0	
P 3.09:	FORAGE, HAY, & PASTURE	6.0	.0	.0	.0	6.0	6.5	.0	
P 3.10:	COTTON	20.6	.0	.0	.0	20.6	13.8	.0	
P 3.11:	TOBACCO	.0	.0	.0	.0	.0	.7	.0	
P 3.12:	NEW CROPS & SEED OILSEEDS	1.5	.0	.0	.0	1.5	1.5	.0	
P 3.13:	FRUIT	.0	.0	.0	.0	.0	7.4	.0	
P 3.14:	VEGETABLE CROPS	1.4	.0	.0	.0	1.4	11.9	.0	
P 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	3.2	.0	
P 3.16:	BEES & OTHER POLLINATING INSECTS	9.0	.0	.0	.0	9.0	.1	.0	
P 4.01:	BEEF	.0	.0	.0	.0	.0	9.5	.0	
P 4.02:	DAIRY	.0	.0	.0	.0	.0	9.3	.0	
P 4.03:	POULTRY	.0	.0	.0	.0	.0	.8	.0	
P 4.04:	SHEEP	.0	.0	.0	.0	.0	.3	.0	
P 4.05:	SWINE	.0	.0	.0	.0	.0	.8	.0	
P 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.7	.0	
P 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	3.4	.0	
P 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	2.1	.0	
P 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.9	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

	IRS	NRS	FCS/SRS	FS	USDA TOTAL	(P)
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	
GRAND TOTAL	51.2	2.6	.0	31.0	94.8	12

7-2		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977					(PRIMARY)		EDUCATION
NATURAL RESOURCES PROGRAM SUMMARY		ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP IVETS	FORESTRY SCHOOLS
1.01:	SOIL & LAND USE	12.6	.0	.0	.0	12.6	23.3	.0	.0
1.02:	WATER & WATERSHEDS	12.5	.0	.0	.0	12.5	12.4	.0	.0
1.03:	RECREATION	.0	.0	.0	.0	.0	2.8	.0	.0
1.04:	ENVIRONMENTAL QUALITY	21.7	.0	.0	.0	21.7	28.8	.0	.0
1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.7	.0	.0	.0	.7	2.7	.4	.0
1.06:	FISH & WILDLIFE	.0	.0	.0	.0	.0	5.7	.0	.0
1.07:	REMOTE SENSING	.0	.0	.0	.0	.0	.2	.0	.0
2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	5.7	.0	.0
2.02:	TIMBER MANAGEMENT	.0	.0	.0	13.8	13.8	4.6	.0	.0
2.03:	FOREST PROTECTION	.0	.0	.0	32.2	32.2	10.6	.0	.0
2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.9	.9	14.5	.0	.0
2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	11.9	11.9	2.1	.0	.0
2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	5.0	5.0	2.7	.0	.0
2.07:	FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	1.5	.0	.0
2.08:	ALTERNATE USES OF LAND	.0	.0	.0	5.7	5.7	.5	.0	.0
2.09:	TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.1	.0	.0
3.01:	CORN	.7	.0	.0	.0	.7	1.2	.0	.0
3.02:	GRAIN SOYBEAN	.0	.0	.0	.0	.0	.2	.0	.0
3.03:	WHEAT	10.5	.0	.0	.0	10.5	3.7	.0	.0
3.04:	SMALL GRAINS OTHER THAN WHEAT	.7	.0	.0	.0	.7	2.5	.0	.0
3.05:	RICE	1.5	.0	.0	.0	1.5	4.0	.0	.0
3.06:	SOYBEANS	.7	.0	.0	.0	.7	6.7	.0	.0
3.08:	SUGAR	7.6	.0	.0	.0	7.6	2.8	.0	.0
3.09:	FORAGE, RANGE, & PASTURE	10.6	.0	.0	.0	10.6	22.7	.0	.0
3.10:	COTTON	9.5	.0	.0	.0	9.5	14.1	.0	.0
3.12:	NEW CROPS & MINOR OILSEEDS	3.8	.0	.0	.0	3.8	4.3	.0	.0
3.13:	FRUIT	34.1	.0	.0	.0	34.1	70.2	.0	.0
3.14:	VEGETABLE CROPS	27.0	.0	.0	.0	27.0	34.0	.0	.0
3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.7	.0	.0	.0	.7	15.1	.0	.0
3.16:	BEEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	5.4	.0	.0
4.01:	BEEF	.4	.0	.0	.0	.4	11.3	.0	.0
4.02:	DAIRY	.4	.0	.0	.0	.4	7.9	.0	.0
4.03:	POULTRY	6.4	.0	.0	.0	6.4	12.2	.0	.0
4.04:	SHEEP	22.2	.0	.0	.0	22.2	5.1	.0	.0
4.05:	SWINE	.0	.0	.0	.0	.0	.5	.0	.0
4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.9	.0	.0	.0	.9	3.1	.0	.0

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SAES
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	5.4
RP 5.01: FOOD & NUTRITION	19.9	.0	.0	.0	19.9	27.2
RP 5.02: FOOD SAFETY	12.5	.0	.0	.0	12.5	13.8
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	17.4
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.8	.0	.0	.0	.8	11.5
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.9
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.4	.0	.0	.4	2.2
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	16.6	.0	.0	.0	16.6	2.7
RP 6.03: MARKETING & COMPETITION	1.4	3.5	.0	.0	4.9	5.7
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	21.4	.0	.0	.0	21.4	115.3
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	1.0
GRAND TOTAL	257.6	3.9	.0	69.4	330.9	548.3

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

RESEARCH PROGRAM SUMMARY									
	ARS	ERS	FCS/ERS	FS	USDA TOTAL	SARS	OTH COOP IFSTS	FOREST SCHOOL	
RP 1.01: SOIL & LAND USE	6.7	1.1	.0	.0	7.7	6.7	.0		
RP 1.02: WATER & WATERSHEDS	10.8	1.1	.0	.0	11.8	19.1	.0		
RP 1.04: ENVIRONMENTAL QUALITY	6.8	1.2	.0	.0	8.0	11.3	.0		
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	1.4	.0	.0	.0	1.4	8.9	.0		
RP 1.06: FISH & WILDLIFE	.2	.0	.0	.0	.2	.4	.0		
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.7	.0		
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	7.0	7.0	.1	.0		1.
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	3.0	3.0	.0	.0		
RP 2.03: FOREST PROTECTION	.0	.0	.0	13.2	13.2	.0	.0		
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	4.0	4.0	.7	.0		
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	9.4	9.4	.6	.0		
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	5.0	5.0	.0	.0		
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	2.5	2.5	.1	.0		
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	2.0	2.0	.0	.0		
RP 3.01: CORN	.0	.0	.0	.0	.0	2.7	.0		
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	.6	.0		
RP 3.03: WHEAT	.4	.0	.0	.0	.4	7.8	.0		
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	3.6	.0		
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.0	.1		
RP 3.08: SUGAR	4.5	.0	.0	.0	4.5	1.0	.0		
RP 3.09: FORAGE, RANGE, & PASTURE	5.7	.0	.0	.0	5.7	11.3	.0		
RP 3.13: FRUIT	.0	.0	.0	.0	.0	4.6	.0		
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	10.9	.0		
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	4.0	.0		
RP 4.01: BEEF	1.6	.0	.0	.0	1.6	27.6	.0		
RP 4.02: DAIRY	.5	.0	.0	.0	.5	.8	.0		
RP 4.03: POULTRY	.0	.0	.0	.0	.0	3.2	.0		
RP 4.04: SHEEP	1.4	.0	.0	.0	1.4	.8	.0		
RP 4.05: SWINE	.2	.0	.0	.0	.2	.0	.0		
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.1	.0	.0	.0	.1	.8	.0		
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.0	.0		
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	4.4	.0		
RP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.3	.0		
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	4.0	.0		
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.1	.0		
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.3	.0		

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRI)

	ARS	ERS	PCS/ERS	FS	USDA TOTAL	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	2.2	.0	.0	2.2	
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	4.2	.0	.0	.0	4.2	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	
GRAND TOTAL	48.5	5.5	.0	46.0	100.0	10

TABLE Y-B		STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)				RESEARCH PROGRAM SUMMARY	RESEARCH PROGRAM SUMMARY
		ARS	ERS	PCS/SRS	PS	USDA TOTAL	SARS	OTH COOP INSTS	FORESTRY SCHOOLS		
EP 1.01:	SOIL & LAND USE	.0	.0	.0	.0	.0	4.9	.0	.0		
EP 1.02:	WATER & WATERSHEDS	.0	.0	.0	.0	.0	1.3	.0	.0		
EP 1.04:	ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	2.7	.0	.0		
EP 1.05:	WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0		
EP 2.01:	INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.5	.5	.6	.0	.0		
EP 2.02:	TIMBER MANAGEMENT	.0	.0	.0	5.2	5.2	.6	.0	.0		
EP 2.03:	FOREST PROTECTION	.0	.0	.0	2.0	2.0	.9	.0	.0		
EP 2.04:	HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	1.0	.0	.0		
EP 2.05:	FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	1.5	1.5	.4	.0	.0		
EP 2.06:	FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	1.9	1.9	.0	.0	.0		
EP 3.01:	CORN	.0	.0	.0	.0	.0	2.9	.0	.0		
EP 3.02:	GRAIN SORGHUM	.0	.0	.0	.0	.0	.1	.0	.0		
EP 3.05:	RICE	.0	.0	.0	.0	.0	.0	.0	.0		
EP 3.06:	SOYBEANS	.0	.0	.0	.0	.0	.6	.0	.0		
EP 3.08:	SUGAR	2.2	.0	.0	.0	2.2	2.2	.0	.0		
EP 3.09:	FORAGE, RANGE, & PASTURE	.0	.0	.0	.0	.0	4.1	.0	.0		
EP 3.12:	NEW CROPS & MINOR OLSEEDS	.0	.0	.0	.0	.0	1.9	.0	.0		
EP 3.13:	FRUIT	10.9	.0	.0	.0	10.9	21.4	.0	.0		
EP 3.14:	VEGETABLE CROPS	.9	.0	.0	.0	.9	10.4	.0	.0		
EP 3.15:	PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	10.1	.0	.0		
EP 4.01:	BEEF	.0	.0	.0	.0	.0	2.7	.0	.0		
EP 4.02:	DAIRY	.0	.0	.0	.0	.0	1.6	.0	.0		
EP 4.03:	POULTRY	.0	.0	.0	.0	.0	2.2	.0	.0		
EP 4.05:	SWINE	.0	.0	.0	.0	.0	.6	.0	.0		
EP 4.06:	OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.4	.0	.0		
EP 4.07:	AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	.5	.0	.0		
EP 5.01:	FOOD & NUTRITION	.0	.0	.0	.0	.0	4.5	.0	.0		
EP 5.02:	FOOD SAFETY	.0	.0	.0	.0	.0	4.2	.0	.0		
EP 5.03:	RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2.6	.0	.0		
EP 5.04:	INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.2	.0	.0		
EP 5.05:	RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0	.0	.2	.0	.0		
EP 6.01:	FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	1.5	.0	.0		
EP 6.02:	FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.4	.0	.0	.0	.4	.6	.0	.0		
EP 6.03:	MARKETING & COMPETITION	.0	.0	.0	.0	.0	3.2	.0	.0		
EP 7.01:	GENERAL RESOURCES OF TECHNOLOGY	.0	.0	.0	.0	.0	3.7	.0	.0		
EP 9.01:	UNCLASSIFIED	.0	.0	.0	.0	.0	.5	.0	.0		
GRAND TOTAL		14.4	.0	.0	11.0	25.4	95.1	.0	.0		

	ARS	ERS	PCS/SRS	FS
BP 1.01: SOIL & LAND USE	6.5	.0	.0	.0
BP 1.02: WATER & WATERSHEDS	11.2	.0	.0	.0
BP 1.03: RECREATION	.0	.0	.0	.0
BP 1.04: ENVIRONMENTAL QUALITY	4.5	.0	.0	.0
BP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0
BP 1.06: FISH & WILDLIFE	.0	.0	.0	.0
BP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0
BP 2.02: TIMBER MANAGEMENT	.0	.0	.0	9.4
BP 2.03: FOREST PROTECTION	.0	.0	.0	7.5
BP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0
BP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	4.1
BP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	2.0
BP 2.07: FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	.0
BP 3.01: CORN	.0	.0	.0	.0
BP 3.02: CEREAL SORGHUM	.0	.0	.0	.0
BP 3.03: WHEAT	1.1	.0	.0	.0
BP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.0	.0	.0	.0
BP 3.06: SOYBEANS	.0	.0	.0	.0
BP 3.08: SUGAR	.5	.0	.0	.0
BP 3.09: FORAGE, RANGE, & PASTURE	1.8	.0	.0	.0
BP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0
BP 3.13: PROFIT	.0	.0	.0	.0
BP 3.14: VEGETABLE CROPS	2.5	.0	.0	.0
BP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0
BP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0
BP 4.01: BEEF	.0	.0	.0	.0
BP 4.02: DAIRY	.0	.0	.0	.0
BP 4.03: POULTRY	.0	.0	.0	.0
BP 4.04: SHEEP	5.0	.0	.0	.0
BP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0
BP 5.01: FOOD & NUTRITION	.0	.0	.0	.0
BP 5.02: FOOD SAFETY	.0	.0	.0	.0
BP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0
BP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0
BP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0
BP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0



TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977

(PRIMARY)

FOREIGN PROGRAM SUMMARY

	ABS	RES	PCS/SRS	PS	USDA TOTAL	SARS	UTB COOP INSTS	FORESTS SCROOD
6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.9	.0	.
6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	1.1	.0	.
7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	3.5	.0	.
9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.6	.0	.
WD TOTAL	34.0	.0	.0	23.0	57.0	76.4	.0	25.

## RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SRS	FS	USDA TOTAL
RP 1.01: SOIL & LAND USE	4.3	.0	.0	.0	4.3
RP 1.02: WATER & WATERSHEDS	2.9	.0	.0	.0	2.9
RP 1.03: RECREATION	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.9	.9
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	24.5	24.5
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	9.5	9.5
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	7.1	7.1
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.0	3.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	2.0	2.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	1.6	1.6
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0
RP 3.03: WHEAT	3.1	.0	.0	.0	3.1
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	1.1	.0	.0	.0	1.1
RP 3.08: SUGAR	.0	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	8.2	.0	.0	.0	8.2
RP 3.12: NEW CROPS & MINOR OILSEEDS	.0	.0	.0	.0	.0
RP 3.13: FRUIT	.0	.0	.0	.0	.0
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0
RP 4.01: BEEF	5.4	.0	.0	.0	5.4
RP 4.02: DAIRY	.0	.0	.0	.0	.0
RP 4.03: POULTRY	.0	.0	.0	.0	.0
RP 4.04: SHEEP	.0	.0	.0	.0	.0
RP 4.05: SWINE	.0	.0	.0	.0	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0
URB. DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0

SELECT PROGRAM SUMMARY

	ARS	ERS	FCS/SRS	FS	OSDA TOTAL	SARS	OTH COOP INSTR	FOREST SCHO
7.01: GENERAL RESOURCES OR TECHNOLOGY	.0	.0	.0	.0	.0	1.5	.0	
170 TOTAL	25.0	.0	.0	53.6	70.6	65.3	.0	4

TABLE 4-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(CRIMINALS)

	ARS	ERS	FCs/SBS	FS	USDA TOTAL	SA
BP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	1
BP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0	1
BP 1.03: RECREATION	.0	.0	.0	.0	.0	
BP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	
BP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	
BP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	
BP 1.07: REMOTE SENSING	.1	.0	.0	.0	.1	
BP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	1.2	1.2	
BP 2.02: TIMBERS MANAGEMENT	.0	.0	.0	.0	.0	
BP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	
BP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	.8	.8	1
BP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	
BP 2.07: FOREST RECREATION & AESTHETICS & OTS LANDSCAPE VALUES	.0	.0	.0	.0	.0	
BP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	
BP 3.03: WHEAT	.0	.0	.0	.0	.0	
BP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	
BP 3.08: SUGAR	.0	.0	.0	.0	.0	
BP 3.09: FORAGE, RANGES, & PASTURE	4.8	.0	.0	.0	4.8	6
BP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	
BP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	
BP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	
BP 4.01: BEEF	.0	.0	.0	.0	.0	8
BP 4.02: DAIRY	.0	.0	.0	.0	.0	1
BP 4.04: SHEEP	.0	.0	.0	.0	.0	
BP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	
BP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0	.0	
BP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	
BP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	
BP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	2
BP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2
BP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	1
BP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	
GRAND TOTAL	4.9	.0	.0	2.0	6.9	34

TABLE V-B STATE SUMMARY OF SCIENTIST-LEADS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ARS	ERS	FCS/SRS	FS	USDA TOTAL	SARS	OTH COOP IPSTS	FOR SC
RP 1.01: SOIL & LAND USE	.2	.0	.0	.0	.2	3.9	.0	
RP 1.02: WATER & WATERSHEDS	3.1	.0	.0	.0	3.1	.9	.0	
RP 1.03: RECREATION	.0	.0	.0	.0	.0	.4	.0	
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	1.8	.0	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.0	.4	.4	.0	
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.7	.0	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	1.8	.0	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.9	.0	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	.0	.0	.2	.0	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.3	2.3	.4	.0	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.7	.7	.7	.0	
RP 3.01: CORN	.0	.0	.0	.0	.0	.9	.0	
RP 3.02: GRAIN SORGHUM	.0	.0	.0	.0	.0	1.9	.0	
RP 3.03: WHEAT	.0	.0	.0	.0	.0	.7	.0	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	1.0	.0	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.1	.0	
RP 3.07: PEANUTS	.0	.0	.0	.0	.0	.5	.0	
RP 3.08: SUGAR	.0	.0	.0	.0	.0	.1	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	3.7	.0	.0	.0	3.7	18.1	.0	
RP 3.10: COTTON	5.3	.0	.0	.0	5.3	8.0	.0	
RP 3.12: NEW CROPS & SEED OILSEEDS	.0	.0	.0	.0	.0	1.4	.0	
RP 3.13: FRUIT	.0	.0	.0	.0	.0	3.5	.0	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	6.9	.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	.2	.0	
RP 4.01: BEEF	1.2	.0	.0	.0	1.2	9.4	.0	
RP 4.02: DAIRY	.0	.0	.0	.0	.0	.1	.0	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	.1	.0	
RP 4.04: SHEEP	.1	.0	.0	.0	.1	1.1	.0	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.3	.0	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.3	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	3.9	.0	
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.6	.0	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	4.7	.0	
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	2.4	.0	
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0	.7	.0	
GRAND TOTAL	14.0	.0	.0	3.0	17.0	80.9	.0	

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

	ARS	ERS	PCS/SBS	FS
RP 1.01: SOIL & LAND USE	2.0	.0	.0	.0
RP 1.02: WATER & WATERSHEDS	4.4	1.0	.0	.0
RP 1.03: RECREATION	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.1	.0	.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.4	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	11.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	16.6
RP 2.03: FOREST PROTECTION	.0	.0	.0	26.4
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	11.3
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	5.5
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	8.0
RP 2.07: FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	.0
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	1.3
RP 3.01: CORN	.0	.0	.0	.0
RP 3.03: WHEAT	2.0	.0	.0	.0
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0
RP 3.06: SOYBEANS	.0	.0	.0	.0
RP 3.09: FORAGE, RANGE, & PASTURE	5.5	.0	.0	.0
RP 3.12: NEW CROPS & MINOR OILSEEDS	4.3	.0	.0	.0
RP 3.13: FRUIT	2.0	.0	.0	.0
RP 3.14: VEGETABLE CROPS	1.0	.0	.0	.0
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	4.0	.0	.0	.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0
RP 4.01: DEER	.4	1.2	.0	.0
RP 4.02: DAIRY	.0	.0	.0	.0
RP 4.03: POULTRY	.0	.0	.0	.0
RP 4.04: SHEEP	.0	.0	.0	.0
RP 4.05: SWINE	.0	.0	.0	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0
RP 4.07: AQUATIC FOOD & FEEDSTUFFS	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0
RP 5.02: FOOD SAFETY	.0	.0	.0	.0
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0
RP 5.05: RESEARCH ON ADMINISTRATION OF RESEARCH	.0	.0	.0	.0

B V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
 RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ABS	SES	PCS/PBS	PS	OSDA TOTAL	SASS	OTH COOP INETS	FOREIGN SCHOOLS
01: FARM ADJUSTMENT, PRICES & INCOME	.0	.8	.0	.0	.8	.6	.0	.0
02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.0	.0	.0	.0	.0	.2	.0	.0
03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.4	.0	.0
04: GENERAL RESOURCE OR TECHNOLOGY	.4	.0	.0	.0	.4	22.5	.0	.0
05: UNCLASSIFIED	.0	.0	.0	.0	.0	.0	.0	1.0
D TOTAL	26.7	3.1	.0	80.1	109.9	134.3	.0	42.1

TABLE F-4 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAMS SUMMARY

(PRIN

	ARS	BRS	FCS/SRS	FS	USDA TOTAL
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0
RP 1.02: WATER & WATERSHEDS	.0	.0	.0	.0	.0
RP 1.03: RECREATION	.0	.0	.0	.0	.0
RP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0
RP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	9.0	9.0
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0
RP 2.03: FOREST PROTECTION	.0	.0	.0	3.9	3.9
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	8.2	8.2
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	8.7	8.7
RP 2.07: FOREST RECREATION & AESTHETICS & OTHER LANDSCAPE VALUES	.0	.0	.0	1.3	1.3
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0
RP 3.01: CORN	.0	.0	.0	.0	.0
RP 3.03: WHEAT	.8	.0	.0	.0	.8
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.2	.0	.0	.0	.2
RP 3.08: SUGAR	4.4	.0	.0	.0	4.4
RP 3.09: FORAGE, RANGE, & PASTURE	5.9	.0	.0	.0	5.9
RP 3.13: FRUIT	.2	.0	.0	.0	.2
RP 3.14: VEGETABLE CROPS	.2	.0	.0	.0	.2
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0
RP 3.16: BEES & OTHER POLLINATING INSECTS	3.0	.0	.0	.0	3.0
RP 4.01: BEEF	2.3	.0	.0	.0	2.3
RP 4.02: DAIRY	2.6	.0	.0	.0	2.6
RP 4.03: POULTRY	.0	.0	.0	.0	.0
RP 4.04: SHEEP	1.7	.0	.0	.0	1.7
RP 4.05: SWINE	.0	.0	.0	.0	.0
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0
RP 5.02: FOOD SAFETY	.9	.0	.0	.0	.9
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0
D3: MARKETING & COMPETITION	.0	.0	.0	.0	.0
RP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.8	.0	.0	.0	.8
RP 9.01: UNCLASSIFIED	.0	.0	.0	.0	.0
GRAND TOTAL	22.9	.0	.0	31.0	53.9



TABLE 7-B	STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977				(PRIMARY)				EXTENSION
RESEARCH PROGRAM SUMMARY									
	ARS	ERS	PCS/SRS	FS	USDA TOTAL	SARS	OTH CGOP INSTS	FOREST SERVICE SCHOOLS	
RP 1.01: SOIL & LAND USE	4.4	.0	.0	.0	4.4	5.0	.0	.0	
RP 1.02: WATER & WATERSHEDS	3.9	.0	.0	.0	3.9	1.2	.0	.0	
RP 1.04: ENVIRONMENTAL QUALITY	1.0	.0	.0	.0	1.0	3.5	.0	.0	
RP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.3	.0	.0	
RP 1.06: FISH & WILDLIFE	.5	.0	.0	.0	.5	1.0	.0	.0	
RP 1.07: REMOTE SENSING	.0	.0	.0	.0	.0	.4	.0	.0	
RP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	.6	.0	.9	
RP 2.02: TIMBER MANAGEMENT	.0	.0	.0	5.0	5.0	3.1	.0	6.4	
RP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	1.4	.0	1.5	
RP 2.04: HARVESTING PROCESSING & MARKETING OF FOREST PRODUCTS	.0	.0	.0	2.8	2.8	3.9	.0	5.9	
RP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	5.9	5.9	.2	.0	23.3	
RP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	.0	.0	.9	.0	1.8	
RP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	1.0	1.0	.0	.0	4.2	
RP 2.08: ALTERNATE USES OF LAND	.0	.0	.0	.0	.0	.3	.0	1.1	
RP 2.09: TECHNICAL ASSISTANCE	.0	.0	.0	.0	.0	.0	.0	.3	
RP 3.01: CORN	.0	.0	.0	.0	.0	.2	.0	.0	
RP 3.03: WHEAT	9.7	.0	.0	.0	9.7	6.6	.0	.0	
RP 3.04: SMALL GRAINS OTHER THAN WHEAT	.4	.0	.0	.0	.4	2.5	.0	.0	
RP 3.06: SOYBEANS	.0	.0	.0	.0	.0	.2	.0	.0	
RP 3.08: SUGAR	1.9	.0	.0	.0	1.9	1.9	.0	.0	
RP 3.09: FORAGE, RANGE, & PASTURE	6.7	.0	.0	.0	6.7	3.3	.0	.0	
RP 3.12: NEW CROPS & MINOR OILSEEDS	1.8	.0	.0	.0	1.8	1.6	.0	.0	
RP 3.13: FRUIT	17.4	.0	.0	.0	17.4	21.2	.0	.0	
RP 3.14: VEGETABLE CROPS	14.7	.0	.0	.0	14.7	17.8	.0	.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.3	.0	.0	.0	.3	5.8	.0	.0	
RP 3.16: BEES & OTHER POLLINATING INSECTS	.0	.0	.0	.0	.0	1.0	.0	.0	
RP 4.01: BEEF	.1	.0	.0	.0	.1	4.8	.0	.0	
RP 4.02: DAIRY	.1	.0	.0	.0	.1	3.5	.0	.0	
RP 4.03: POULTRY	.0	.0	.0	.0	.0	5.7	.0	.0	
RP 4.04: SHEEP	.9	.0	.0	.0	.9	2.9	.0	.0	
RP 4.05: SWINE	.0	.0	.0	.0	.0	.9	.0	.0	
RP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	1.0	.0	.0	.0	1.0	.6	.0	.0	
RP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	2.6	.0	.0	
RP 5.02: FOOD SAFETY	1.4	.0	.0	.0	1.4	2.9	.0	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.5	.0	.0	.0	.5	4.8	.0	.0	
RP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	1.2	.0	.0	.0	1.2	.5	.0	.0	

TABLE F-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

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	ARS	ERS	PCS/SBS	FS	USDA TOTAL
RP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0
RP 6.02: FOREIGN AGRICULTURAL TRADE & ECONOMIC DEVELOPMENT	.8	.0	.0	.0	.8
RP 6.03: MARKETING & COMPETITION	3.2	1.1	.0	.0	4.2
RP 7.01: GENERAL RESOURCE OF TECHNOLOGY	3.1	.0	.0	.0	3.1
GRAND TOTAL	74.6	1.1	.0	14.7	90.4

TABLE V-B STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

(PRIMARY)

	ABS	BBS	PCS/SRS	FS	USDA TOTAL	SABS	OTH COOP INSTS	FORRES SCHOL
BP 1.01: SOIL & LAND USE	1.0	.0	.0	.0	1.0	.8	.0	
BP 1.02: WATER & WATERSHEDS	1.2	.0	.0	.0	1.2	2.5	.0	
BP 1.04: ENVIRONMENTAL QUALITY	.0	.0	.0	.0	.0	2.5	.0	
BP 1.05: WEATHER MODIFICATION FOR AGRICULTURE & FORESTRY	.0	.0	.0	.0	.0	.7	.0	
BP 1.06: FISH & WILDLIFE	.0	.0	.0	.0	.0	.1	.0	
BP 2.01: INVENTORY & APPRAISAL OF FOREST RESOURCES	.0	.0	.0	.0	.0	1.2	.0	
BP 2.02: TIMBER MANAGEMENT	.0	.0	.0	.0	.0	.7	.0	
BP 2.03: FOREST PROTECTION	.0	.0	.0	.0	.0	.5	.0	
BP 2.05: FOREST WATERSHEDS, SOILS, POLLUTION	.0	.0	.0	2.5	2.5	.1	.0	
BP 2.06: FOREST RANGE WILDLIFE & FISHERIES HABITAT DEVELOPMENT	.0	.0	.0	3.0	3.0	.8	.0	
BP 2.07: FOREST RECREATION & AESTHETICS & OTH LANDSCAPE VALUES	.0	.0	.0	.0	.0	.5	.0	
BP 3.01: CORN	.0	.0	.0	.0	.0	.2	.0	
BP 3.03: WHEAT	.0	.0	.0	.0	.0	.7	.0	
BP 3.04: SMALL GRAINS OTHER THAN WHEAT	.0	.0	.0	.0	.0	.7	.0	
BP 3.08: SUGAR	.0	.0	.0	.0	.0	1.1	.0	
BP 3.09: FORAGE, RANGELAND, & PASTURE	3.3	.0	.0	.0	3.3	5.9	.0	
BP 3.13: FEEDS	.0	.0	.0	.0	.0	.2	.0	
BP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	1.1	.0	
BP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.4	.0	.0	.0	.4	.4	.0	
BP 3.16: BEES & OTHER POLLINATING INSECTS	3.0	.0	.0	.0	3.0	.0	.0	
BP 4.01: BEEF	.3	.0	.0	.0	.3	6.4	.0	
BP 4.02: DAIRY	.0	.0	.0	.0	.0	1.4	.0	
BP 4.03: POULTRY	.0	.0	.0	.0	.0	.6	.0	
BP 4.04: SHEEP	.0	.0	.0	.0	.0	4.9	.0	
BP 4.06: OTHER ANIMALS (HORSES, GOATS, PETS, LABORATORY, ETC.)	.0	.0	.0	.0	.0	.5	.0	
BP 5.01: FOOD & NUTRITION	.0	.0	.0	.0	.0	1.2	.0	
BP 5.02: FOOD SAFETY	.0	.0	.0	.0	.0	.2	.0	
BP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	.6	.0	
BP 5.04: INSECTS AFFECTING MAN & HIS BELONGINGS	.0	.0	.0	.0	.0	.3	.0	
BP 6.01: FARM ADJUSTMENT, PRICES & INCOME	.0	.0	.0	.0	.0	.9	.0	
BP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	2.7	.0	
BP 7.01: GENERAL RESOURCE OR TECHNOLOGY	.0	.0	.0	.0	.0	7.5	.0	
GRAND TOTAL	9.1	.0	.0	5.5	14.6	47.1	.0	

TABLE 7-8 STATE SUMMARY OF SCIENTIST-YEARS FOR FY 1977  
RESEARCH PROGRAM SUMMARY

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	ARS	BRS	FCS/SBS	FS	USDA TOTAL	SA
RP 1.01: SOIL & LAND USE	.0	.0	.0	.0	.0	
RP 3.14: VEGETABLE CROPS	.0	.0	.0	.0	.0	
RP 3.15: PLANTS TO ENHANCE THE ENVIRONMENT	.0	.0	.0	.0	.0	
RP 5.03: RURAL DEVELOPMENT & QUALITY OF FAMILY LIVING	.0	.0	.0	.0	.0	
RP 6.03: MARKETING & COMPETITION	.0	.0	.0	.0	.0	
GRAND TOTAL	.0	.0	.0	.0	.0	